

## Human CD1a-hlgG4

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat No.:      | 03-01-0003                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Name: | Human CD1a-hlgG4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Description:  | <p>CD1 is a family of glycoproteins expressed on the surface of various human antigen-presenting cells. They are related to the class I MHC molecules, and are involved in the presentation of lipid antigens to T cells. CD1 glycoproteins can be classified primarily into two groups which differ in their lipid anchoring: Group 1 (CD1a, CD1b and CD1c) is expressed on cells specialized for antigen presentation; Group 2 (CD1d) is expressed on a wider variety of cells; CD1e is an outlier, expressed intracellularly with unknown function. CD1 proteins play an important role in CD1-restricted T cell functions in antimicrobial responses, antitumor immunity, and in regulating the balance between tolerance and autoimmunity.</p> |
| Type:         | Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Property:     | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Source:       | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Genbank No.:  | P06126 ( aa.17-300)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applications: | ELISA, WB, Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formulation:  | Each vial contains 50ug purified protein(1mg/ml) in PBS(pH7.4).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



|             |                                                              |
|-------------|--------------------------------------------------------------|
| Purity:     | >95%                                                         |
| Storage:    | Store at -80°C, Avoid freeze / thaw cycle.                   |
| Limitation: | For research use only, not for use in diagnostic procedures. |