



Human CD35(CR1)

Cat No.: 03-01-0364

Product Name: Human CD35(CR1)

Description: CD35, also called as Complement Receptor type 1 (CR1), is a member of the regulators of complement activation (RCA) family. The protein mediates cellular binding to particles and immune complexes that have activated complement. Decreases in expression of this protein and/or mutations in its gene have been associated with gallbladder carcinomas, mesangiocapillary glomerulonephritis, systemic lupus erythematosus and sarcoidosis. In primates, CR1 serves as the main system for processing and clearance of complement opsonized immune complexes. It has been shown that CR1 can act as a negative regulator of the complement cascade, mediate immune adherence and phagocytosis and inhibit both the classic and alternative pathways. The number of CR1 molecules decreases with aging of erythrocytes in normal individuals and is also decreased in pathological conditions such as systemic lupus erythematosus (SLE), HIV infection, some haemolytic anaemias and other conditions featuring immune complexes. In mice, CR1 is an alternatively spliced variant of the complement receptor 2 (CR2) gene.



Type:	Protein
Property:	Recombinant Protein
Source:	HEK293
Genbank No.:	P17927 (aa.42-1971)
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.