

## Human CD13-hlgG1

Cat No.: 03-01-0194

Product Name: Human CD13-hlgG1

Description: CD13,also known as Alanine Aminopeptidase,is a

aminopeptidase with broad specificity. It plays a role in the

final digestion of peptides generated from hydrolysis of

proteins by gastric and pancreatic proteases. May play a

critical role in the pathogenesis of cholesterol gallstone

disease. May be involved in the metabolism of regulatory

peptides of diverse cell types, responsible for the

processing of peptide hormones, such as angiotensin III and

IV, neuropeptides, and chemokines. It was found to cleave

antigen peptides bound to major histocompatibility complex

class II molecules of presenting cells and to degrade

neurotransmitters at synaptic junctions. Is also implicated as

a regulator of IL-8 bioavailability in the endometrium, and

therefore may contribute to the regulation of angiogenesis.it

is used as a biomarker to detect damage to the kidneys,

and that may be used to help diagnose certain kidney

disorders. It is used as a marker for acute myeloid leukemia

and plays a role in tumor invasion. In case of human

coronavirus 229E (HCoV-229E) infection, serves as

receptor for HCoV-229E spike glycoprotein. Mediates as

well human cytomegalovirus (HCMV) infection.

Type: Protein

Property: Recombinant Protein

Source: Recombinant protein purified from 293 cell culture

Genbank No.: P15144 (aa.33-967)

Applications: ELISA, WB, Immunogen

Formulation: Each vial contains 50ug purified protein(1mg/ml) in

PBS(pH7.4).

Purity: >95%

Protein: Monkey CD122 extra cellular domain (a.a.27-242)

(Genbank #: Q38J85) fused to human IgG1 Fc domain.

CD122 is Interleukin-2 receptor subunit beta, member of the

IL2 receptor complex.

Storage: For short term, store at 4oC, stable for 1 month. For long

term storage, aliquot and freeze at -80 °C. Non-hazardous.

No MSDS required.

Limitation: For research use only, not for use in diagnostic procedures.