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Datasheet for ABIN1684642

nectin-3 Protein (C-Term, Extracellular Domain)

Overview

Quantity:	100 µg
Target:	nectin-3 (NECTIN3)
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Specificity:	Optimized DNA sequence encoding extracellular domain of human CD113 (nectin-3) including a C-terminal 6His tag was expressed in HEK293 cells.
Characteristics:	Recombinant CD113 (nectin-3) is a monomer protein consisting of 354 amino acid residue subunits, due to glycosylation migrates as an approximately 70 kDa protein on SDS-PAGE.
Purity:	> 95 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

Target Details

Target:	nectin-3 (NECTIN3)
Alternative Name:	CD113 (NECTIN3 Products)

Target Details

Background: The PDGFR/PDGF system includes two receptors (PDGFRA and PDGFRB) and four ligands (PDGFA, PDGFB, PDGFC, and PDGFD).

UniProt: [Q9NQS3](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Comment: The activity of Recombinant human CD113 was measured in a functional ELISA assay, immobilized recombinant human CD113 at 1 µg/mL (100 µL/well) can bind biotinylated Nectin-1 with a linear range of 6 - 800 µg/mL

Restrictions: For Research Use only

Handling

Buffer: PBS solution, pH7.2.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C/-80 °C

Storage Comment: Recombinant rat PDGFRb as supplied, can be stored in working aliquots at - 8 °C for one month, or at -20 °C to -70 °C for twelve months.

Expiry Date: 12 months