Datasheet for ABIN5608453

nectin-3 Protein (partial) (Fc Tag)

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Overview

Quantity:	100 µg
Target:	nectin-3 (NECTIN3)
Protein Characteristics:	partial
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This nectin-3 protein is labelled with Fc Tag.
Application:	Western Blotting (WB), ELISA

Product Details

Sequence:	Gly 58 - Asp 400
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Endotoxin level is less than 1.0 EU per ug by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human CD113, Fc Tag at 10 µg/mL (100 uL/well) can bind Biotinylated Human TIGIT, His Tag with a linear range of 0.3-5 µg/mL (QC tested).

Target Details

Target:	nectin-3 (NECTIN3)

Target Details

Alternative Name:	Nectin-3 (NECTIN3 Products)
Background:	Poliovirus receptor-related 3 (PVRL3), also known as nectin-3 and CD113, is a human protein of the immunoglobulin superfamily which forms part of adherens junctions. Nectins are immunoglobulin-like adhesion molecules that interact with afadin (AF6, MIM 159559). Afadin is an actin filament-binding protein that connects nectins to the actin cytoskeleton. The nectin-afadin system organizes adherens junctions cooperatively with the cadherin system in epithelial cells. PVRL3 plays a role in cell-cell adhesion through heterophilic trans-interactions with nectin-like proteins or nectins, such as trans-interaction with PVRL2/nectin-2 at Sertoli-spermatid junctions. Furthermore, PVRL3 induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation.
Molecular Weight:	64.3 kDa
Gene ID:	25945
NCBI Accession:	NP_056295
UniProt:	Q9NQS3
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	This recombinant protein can be used for E, WB.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	50 mM Tris, 100 mM Glycine, pH 7.5
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C,-80 °C
Storage Comment:	Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C.