

Datasheet for ABIN5608452
nectin-3 Protein (partial) (His 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
Purification tag / Conjugate:	This nectin-3 protein is labelled with His tag.
Application:	Western Blotting (WB)

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.

Target Details

Target:	nectin-3 (NECTIN3)
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-

Target Details

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: 39.6 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 WB.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

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.