abcam

Product datasheet

Recombinant Human Nectin 3 protein ab153787

1 Image

Description

Product name	Recombinant Human Nectin 3 protein
Purity	> 95 % SDS-PAGE. Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. Lyophilized from a 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	Q9NQS3
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	GPIIVEPHVTAVWGKNVSLKCLIEVNETITQISWEKIHGKSS QTVAVHHP QYGFSVQGEYQGRVLFKNYSLNDATITLHNIGFSDSGKYIC KAVTFPLGN AQSSTTVTVLVEPTVSLIKGPDSLIDGGNETVAAICIAATGK PVAHIDWE GDLGEMESTTTSFPNETATIISQYKLFPTRFARGRRITCVVK HQALEKDI RYSFILDIQYAPEVSVTGYDGNWFVGRKGVNLKCNADANP PPFKSVWSRL DGQWPDGLLASDNTLHFVHPLTFNYSGVYICKVTNSLGQR SDQKVIYISA YNSVASLNCVDHHHHHH
Predicted molecular weight	35 kDa including tags
Amino acids	58 to 366
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153787** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE

	HPLC
Form	Lyophilized
Additional notes	Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

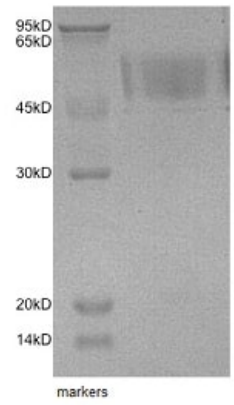
Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C. Please see notes section. pH: 7.40 Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

General Info

Function	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. Trans-interaction with PVR induces activation of CDC42 and RAC small G proteins through common signaling molecules such as SRC and RAP1. Also involved in the formation of cell-cell junctions, including adherens junctions and synapses. Induces endocytosis-mediated down-regulation of PVR from the cell surface, resulting in reduction of cell movement and proliferation. Plays a role in the morphology of the ciliary body.
Tissue specificity	Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines.
Sequence similarities	Belongs to the nectin family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Cellular localization	Cell membrane.

Images



SDS-PAGE - Recombinant Human Nectin 3 protein (ab153787)

SDS-PAGE analysis showing staining of ab153787.

Predicted MW 35 kDa.

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