antibodies

Datasheet for ABIN3137315 nectin-3 Protein (AA 58-549) (rho-1D4 tag)





Overview

Quantity:	1 mg
Target:	nectin-3 (NECTIN3)
Protein Characteristics:	AA 58-549
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This nectin-3 protein is labelled with rho-1D4 tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys)

Product Details

Sequence:	GSIIVEPHVT AVWGKNVSLK CLIEVNETIT QISWEKIHGK STQTVAVHHP QYGFSVQGDY
	QGRVLFKNYS LNDATITLHN IGFSDSGKYI CKAVTFPLGN AQSSTTVTVL VEPTVSLIKG
	PDSLIDGGNE TVAAVCVAAT GKPVAQIDWE GDLGEMESST TSFPNETATI VSQYKLFPTR
	FARGRRITCV VKHPALEKDI RYSFILDIQY APEVSVTGYD GNWFVGRKGV NLKCNADANP
	PPFKSVWSRL DGQWPDGLLA SDNTLHFVHP LTVNYSGVYV CKVSNSLGQR SDQKVIYISD
	PPTTTTLQPT VQWHSSPADV QDIATEHKKL PFPLSTLATL KDDTIGTIIA SVVGGALFLV
	LVSILAGVFC YRRRRTFRGD YFAKNYIPPS DMQKESQIDV LHQDELDSYP DSVKKENKNP
	VNNLIRKDYL EEPEKTQWNN VENLTRFERP MDYYEDLKMG MKFVSDERYN ESEDGLVSHV
	DGSVISRREW YV
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.

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Target:	nectin-3 (NECTIN3)
Alternative Name:	Nectin3 (NECTIN3 Products)
Background:	Plays a role in cell-cell adhesion through heterophilic trans-interactions with nectins-like or othe
	nectins, such as trans-interaction with NECTIN2 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. {ECO:0000269 PubMed:10744716,
	ECO:0000269 PubMed:11827984, ECO:0000269 PubMed:12121624,
	ECO:0000269 PubMed:12558799, ECO:0000269 PubMed:16128743}.
Molecular Weight:	56.1 kDa Including tag.
UniProt:	Q9JLB9
Pathways:	Cell-Cell Junction Organization
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
	as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee
	though.
Comment:	Protein has not been tested for activity yet. In cases in which it is highly likely that the
	recombinant protein with the default tag will be insoluble our protein lab may suggest a higher
	molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible
	options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Buffer: Handling Advice:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer. Avoid repeated freeze-thaw cycles.

Target Details

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Handling
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Expiry Date:

Unlimited (if stored properly)

Images

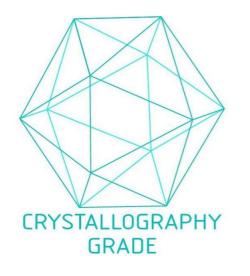


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process

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