

Datasheet for ABIN7564390
PSD4 Protein (AA 1-1005) (His tag)



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Overview

Quantity:	1 mg
Target:	PSD4
Protein Characteristics:	AA 1-1005
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSD4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Psd4 Protein expressed in mammalien cells.
Sequence:	<p>MMGDHLRPME CLNICLEDNL QPCPEAYPSE IHGHPGPSEP CQEHTCPFDP PESARPDAPH GNSGVESTHL ENCLVQVQAR QASASLRSL E DNSSLGSPQQ NQSSSTQVVF WAGILQAQMC VLDLEEELEK TEGLRAELRC CIPPPSKDLL GDEGLSPSRP EEDEDSGDDS SGPEEENQTW PREKIPGSSL EWGAEEDSIF FDNPLFLESP CSDTSTEGEC FSWGYPNSHP DMKTWHQSPQ TLDSPKQGT GLWRQENELD LGSADADHGG CSTPPFPVPS YKMHPCLALG STEGDPTVPP DQGETSCED DLGHGSPKAP FVDHELIQES DNFEFDLRPA TTHPVQPWGS QTSQSLSDLT QPILEDLQRE DPSRSQETLI SQNRGERDAG CFQEPVFC TL APWGSQTSLL EPNCPSESEGR GSGPQPSPVS SQDSSPRVLL HSPKWPQDAS HLLQKDRSEL SSLKEEETEE VPSLRQEAEC EDTSRSEDAS ANQHVVHLAS AEGLPESPMP QAQSPEEGWR PSSSREKLAN DIRNDKGAWN LALRLYQLNG FRKSEVA AHL RKNNDFSRAV AEAYLSFFQF EGQSLDRALR GFLQALVLSG ETQERERILY QFSKRFFHCN PGAFPSVDSV HTLTCAIMLL NTDLHGQNI G KSMSCQEFVT</p>

Product Details

NLNLQDGRN FPKELLKALY WSIRSEKLEW AIDEEDADRP EKDQPSPSAG KISSPFLQMA
QDPTMPTYKQ GILARKMHHI ADGKKTWPWGK RGWKMFTLL RGMVLYFLKG EGQWLDGESL
VGHMVDEPVG VHHSLASPAT HYTKKPHVFQ LRTADWRLYL FQAPTAKEMA SWIARINLAA
ATHSAPPFPA AVGSQRRFVR PILPMSPVQS SLEEQRHSHE NCLDAASDDL LDLQRNLPER
RGRSRELEEY RLRKEYLEHE KTRYETYVQL LVARLHFPLG DLALWEDQLG KETDGSQEPR
PSLKKSHSSP SLHQEEAPTT AKVKRNISER RTYRKIIPKR NRNQL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

PSD4

Alternative Name:

Psd4 ([PSD4 Products](#))

Background:

PH and SEC7 domain-containing protein 4 (Exchange factor for ADP-ribosylation factor guanine nucleotide factor 6 B) (Exchange factor for ARF6 B) (Pleckstrin homology and SEC7 domain-containing protein 4),FUNCTION: Guanine nucleotide exchange factor for ARF6 and ARL14/ARF7. Through ARL14 activation, controls the movement of MHC class II-containing

Target Details

vesicles along the actin cytoskeleton in dendritic cells. Involved in membrane recycling. Interacts with several phosphatidylinositol phosphate species, including phosphatidylinositol 3,4-bisphosphate, phosphatidylinositol 3,5-bisphosphate and phosphatidylinositol 4,5-bisphosphate (By similarity). {ECO:0000250}.

Molecular Weight: 112.7 kDa

UniProt: [Q8BLR5](#)

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 guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months