

Datasheet for ABIN7563653
PSD3 Protein (AA 1-1037) (His tag)



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Overview

Quantity:	1 mg
Target:	PSD3
Protein Characteristics:	AA 1-1037
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSD3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Psd3 Protein expressed in mammalian cells.
Sequence:	MEGRNAAAEP FVWVNSASAH SQSVAKAKYE FLFGKSEEKT PDSSDHGGST LLPPTVTNEF PEYGTMEEGG EGLRASLDFD AKSPPCRLPG QQAVHLLAGQ DSILNSVTEG PNDAPQCHPQ EQLQPIDSL ISALKATEAR IASGTFQATK VLDKDNANFSV YQVDKELSTA SHKPQRAHRT FPVGP GKSPD IPLSAEVPTE ENLSLHIQED LSALLPEEAQ AHRSQITNYR RQGPLRPES ACPVSSSSAG SHNPVDRVGA LREQRSDLGR EHPRGYDRGG SMGRQGRIKH VEFQGV EILW TGEEAESRHP PERTASPVSK EFAKRPSHSS PACGVCSTST HLTGDVWDET CKAPSERPGT SAGTLSPMPL GESGEDDVFL RESKEHLEEN FAIQGDKERI LDQEEHLRGD DDILGPGYTE DSTDVYSSQF ETILDNTSLY YSAESLETLY SEPDSYFSFE MPLTPMIQQR IKEGGQFLER TSVGGQHVDL SVSADGGIVM GYSAGITNGL HDSANSVYTR GPQEIAFWGS RDRCF AEGKT TGVDAGSEMG STDILEKETT ESLSNGTNSN VEA AKRLAKR LYHLDRFKRS DVAKHLGKNN EFSKLVAEEY LKFFDFTGMT LDQSLRYFLK AFSLVGETQE RERVLHFHFSN RYFSCNPDTI TSKDGVHCLT CAMMLLNTDL GHVNIKKM TCQEFITNLQ GVNEGGDFSK DLLKALYNSI

Product Details

KNEKLEWAVD DEEKKKSPSE GTDEKANGTH PKTISRIGST TNPFLDIPHD PNAAVYKSGF
LARKIHADMD GKKTTPRGKRG WKTFYAVLKG TVLYLQKDEY KPEKSLSDDED LKNAVSVHHA
LASKATDYEK KPNVFKLTA DWRVLLFQQTQ SPEEMQGWIN KINCVAAVFS APPFPAAIGS
QKKFSRPLLP ATTTKLSQEE QLKSHESKLG QITTELAHR SYPPDKKKA KDVDEYKLD
HYLEFEKTRY EIYVSVLKEG GKELLTTDGN EPVGLKSHS SPSLNPDASP VTAKVKNVS
ERKDHRPETP GIKQKVT **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PSD3

Alternative Name: Psd3 ([PSD3 Products](#))

Background: PH and SEC7 domain-containing protein 3 (Exchange factor for ADP-ribosylation factor guanine nucleotide factor 6 D) (Exchange factor for ARF6 D) (Pleckstrin homology and SEC7 domain-containing protein 3),FUNCTION: Guanine nucleotide exchange factor for ARF6.

Target Details

{ECO:0000269|PubMed:16707115}.

Molecular Weight: 114.7 kDa

UniProt: [Q2PFD7](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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