

Datasheet for ABIN7557985
PSD2 Protein (AA 1-770) (His tag)



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Overview

Quantity:	1 mg
Target:	PSD2
Protein Characteristics:	AA 1-770
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSD2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Psd2 Protein expressed in mammalian cells.
Sequence:	<p>MDEEKLPCEL HKEGSATQED HGLEPEEEEPG LQNGTAASEG LSSHISGPGG EKTLEGTMEP</p> <p>VRGPDVALPG LNLSTNLGLA LGQDGNILED SIEFKTWRSG PAEEEDVPGS PCPDAGDPQL</p> <p>GLDCPGEPDV RDGFSATFEK ILESELLRGT QYSSLDSDLV LSLTDESDSC VSFEAPLTPL</p> <p>IQQRARDSPE AGAGLGNGDM GPEGDLGATG GCDGELGSPL RRSISSSRSE NVLSHLSLTS</p> <p>VPNGFHEDGP GGSGGDEDD EDTDKLLNSA SDTSLKDGLS DSDSELSSSE GLEPGSTDPL</p> <p>ANGCQGVSEA ARRLARRLYH LEGFQRCDVA RQLGKNNEFS RLVAGEYLSF FDFSGLTLDLDR</p> <p>ALRTFLKAFP LMGETQERER VLTHFSRRYC QCNPDDSTSE DGIHTLTAL MLLNTDLHGH</p> <p>NIGKKMSCQQ FIANLDQLND GQDFAKDLLK TLYNSIKNEK LEWAIDEDEL RKSLSELVDD</p> <p>KFGTGTKKVT RILDGGNPFL DVPQALNATT YKHGVLTRKT HADMDGKRTP RGRRGWKKFY</p> <p>AVLKGITILYL QKDEYRLDKA LSEGDLKNAI RVHHALATRA SDYSKKSNNVL KLKTADWRVF</p> <p>LFQAPSKEEM LSWILRINLV AAIFSAPAFP AAVSSMKKFC RPLLPSCTTR LCQEEQLRSH</p>

ENKLRQVTAE LAEHRCHPLE RGLKSKEAEE YRLKEHYLTF EKSRYETYIH LLAVKIKVGS
DDLRIEARL ATIEGDDPAL RKTHSSPALS LGHGPVTGSK ATKDTSASDT **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PSD2
Alternative Name:	Psd2 (PSD2 Products)
Background:	PH and SEC7 domain-containing protein 2 (Exchange factor for ADP-ribosylation factor guanine nucleotide factor 6 C) (Exchange factor for ARF6 C) (Pleckstrin homology and SEC7 domain-containing protein 2)
Molecular Weight:	84.3 kDa
UniProt:	Q6P1I6

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.
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Restrictions:	For Research Use only
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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