Datasheet for ABIN7565070

PALLD Protein (AA 1-1408) (His tag)

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Overview

Quantity:	1 mg
Target:	PALLD
Protein Characteristics:	AA 1-1408
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PALLD protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Palld Protein expressed in mammalien cells.
Sequence:	MSETSSHDSF YDSLSDVQEE GKSADFFPGL SAFLSQEEIN KSLDLARRAI DSSETEDFDS EKEISQIFSK SPISLCETPS HEEPKSGKQT SSERPQDSRR APVQPLTGDQ AERITSPGSK RKPGVSPLLA SPSYIRSLRK AEKRGAKNPN PSSKPKTAQQ SKAGPQSQLC DKAASFIEEL TSIFREAAKP RNRSPNGESS SPDSGYLSPK NQPSALMSAS ASQSPTADQL DQLEMDAEVK QAQGSLCYQA HQASEETLPL AHIPHPQPQK ARHLPTAPRF IQKLRSQEVA EGSRVYLECR VTGNPTPRVR WFCEGKELYN SPDVQIHCES GELHTLVIAE AFEDDTGRYT CLATNPSGSD STSAEVFIEG ASSTDSDSES LSFISKAGAM PQAQKKTTSV SLTIGSSAPK TGVTTAVIQP LSVPVQQAHS ATSYLCRPDG TTMGCLLPVF TKELQNTAAS EGQVVVLECR VRGAPPLQVQ WFRQGSEIQD SPDFRILQKK PRSTAEPEEI CTLVIAESFP EDAGIFTCSA TNDYGSVTST AQLVITSANN ENCSYDSTGE PNSDHFQHFP PPPPILETGS YELASQKPSE IQQVNSPNLG FSMAALQMQF NTAERETNGV HPSHGVNGLI NGKAYGNKSP PTPTALLSPT KEPPPLLAKP

Product Details

	KLDPLKLQQL QNQVRLEQEA CAWPPAPPGV PCNSSSSGSS APPSPPFPPP PPAFPELAAC ASPVPSEPMS ALASRATAMQ SSGSFNYARP KQFIAAQNLG PASGLPTPTS SPSSSSLPSP LSPTPRPFGR APGPPFVEPE AMWGPSSPSP PPPPPPVFSP SAAYPVPDVF PLPPPPPPLP SSTSHCASPA RFGPSQTPAA FLSALLPSQP PPVAVNALGL PKGVTPAGFP KKSSRTARIA SDEEIQGTKD AVIQDLERKL RFKEDLLNNG QPRLTYEERM ARRLLGADSA NVFNIQEPEE TAANQDAGAP RASVGGPLDG QKEYKVSSCE QRLISEIEYR LERSPVDESG DEVQDPDVPV ENATAPFFEM KLKHYKIFEG MPVTFTCRVA GNPKPKIYWF KDGKQISPKS DHYTIQRDLD GTCSLHTTAS TLDDDGNYTI MAANPQGRVS CTGRLMVQAV NQRGRSPRSP SGHPHARRPR SRSRDSGDEN EPIQERFFRP HFLQAPGDLT VQEGKLCRMD CKVSGLPTPD LSWQLDGKPI RPDSAHKMLV RENGVHSLII EPVTSRDAGI YTCIATNRAG QNSFNLELVV AAKEAHKAPV FMEKLQNTGV ADGYPVRLEC RVSGVPPPQI FWKKENESLT HSTERVSMHQ DNHGYICLLI QGATKEDAGW YTVSAKNEAG IVSCTARLDV YTQWHQQPQT TKPKKVRPSA SRYAALSDQG LDIKAAFQPE ASPSHLTLNS GLVESEDL **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 mammalien 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:	PALLD

Target Details

Alternative Name:	Palld (PALLD Products)
Background:	Palladin,FUNCTION: Cytoskeletal protein required for organization of normal actin cytoskeleton. Roles in establishing cell morphology, motility, cell adhesion and cell-extracellular matrix interactions in a variety of cell types. May function as a scaffolding molecule with the potential to influence both actin polymerization and the assembly of existing actin filaments into higher-order arrays. Binds to proteins that bind to either monomeric or filamentous actin. Localizes at sites where active actin remodeling takes place, such as lamellipodia and membrane ruffles. Different isoforms may have functional differences. Involved in the control of morphological and cytoskeletal changes associated with dendritic cell maturation. Involved in targeting ACTN to specific subcellular locations. May be required for the initiation of neural tube closure. {ECO:0000269|PubMed:10931874, ECO:0000269|PubMed:15950489, ECO:0000269|PubMed:16492705, ECO:0000269|PubMed:17115415}.
Molecular Weight:	152.1 kDa
UniProt:	Q9ET54

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