

Datasheet for ABIN7554844

PALLD Protein (AA 1-1383) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | PALLD |
| Protein Characteristics: | AA 1-1383 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This PALLD protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant PALLD Protein expressed in mammalian cells. |
| Sequence: | <p>MSGTSSHESF YDSLSDMQEE SKNTDFFPGL SAFLSQEEIN KSLDLARRAI ADSETEDFDS</p> <p>EKEISQIFST SPASLCEHPS HKETKLGEHA SRRPQDNREST PVQPLAEKQT KSISSPVSKR</p> <p>KPAMSPLLTR PSYIRSLRKA EKRGA KTPST NVKPKTPHQR KGGPQSQLCD KAANLIEELT</p> <p>SIFKAAKPRN RSPNGESSSP DSGYLS PKNQ PSALLSASAS QSPMEDQGEM EREVKSPGAR</p> <p>HCYQDNQDLA VPHNRKSH PQ PHSA LHFPAA PRFIQKLRSQ EVAEGSRVYL ECRVTGNPTP</p> <p>RVRWFCEGKE LHNTPDIIH CEGGDLHTLI IAEAFEDDTG RYTCLATNPS GSDTTSAEVF</p> <p>IEGASSTDSD SESLAFKSRA GAMPQAQKKT TSVSLTIGSS SPKTGVTTAV IQPLSVPVQQ</p> <p>VHSPTS YLCR PDGTTTAYFP PVFTKELQNT AVAEGQVVVL ECRVRGAPPL QVQWFRQGSE</p> <p>IQDSPDFRIL QKKPRSTAEP EEICTLVIAE TFPEDAGIFT CSARNDYGSA TSTAQLVTS</p> <p>ANTENCSYES MGESNNDHFQ HFPPPPPILE TSSLELASKK PSEIQQVNNP ELGLSRAALQ</p> <p>MQFNAAERET NGVHPSRGVN GLINGKANSN KSLPTPAVLL SPTKEPPPLL AKPKLDPLKL</p> <p>QQLQNQIRLE QEAGARQPPP APRSAPPSP FPPPPAFPEL AACTPPASPE PMSALASRSA</p> |

PAMQSSGSFN YARPKQFIAA QNLGPASGHG TPASSPSSSS LPSPMSPTPR QFGRAPVPPF
AQPFGAEPEA PWGSSSPSP PPVPVFSPT AAFPVPDVFP LPPPPPLPS PGQASHCSSP
ATRFGHSQTP AAFLSALLPS QPPPAVNAL GLPKGVTAG FPKKASRTAR IASDEEIQGT
KDAVIQDLER KLRFKEDLLN NGQPRLTYEE RMARRLLGAD SATVFNIQEP EEETANQEYK
VSSCEQLIS EIEYRLERSP VDESGDEVQY GDVPVENGMA PFFEMKLKHY KIFEGMPVTF
TCRVAGNPKP KIYWFKDGKQ ISPKSDHYTI QRDLTGTCSL HTTASTLDDD GNYTIMAANP
QGRISCTGRL MVQAVNQGRG SPRSPSGHPH VRRPRSRSRD SGDENEPQIE RFFRPHFLQA
PGDLTVQEGK LCRMDCKVSG LPTPDLWQL DGKPVRPDSA HKMLVRENGV HSLIIEPVTS
RDAGIYTCIA TNRAGQNSFS LELVAAKEA HKPPVFIEKL QNTGVADGYR VRLECRVLGV
PPQIFWKKE NESLTHSTDR VSMHQDNHGY ICLLIQGATK EDAGWYTVSA KNEAGIVSCT
ARLDVYTQWH QSQSTKPKK VRPSASRYAA LSDQGLDIKA AFQPEANPSH LTLNTALVES EDL

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.

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| 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: | <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> |
| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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| Target: | PALLD |
| Alternative Name: | PALLD (PALLD Products) |
| Background: | <p>Palladin (SIH002) (Sarcoma antigen NY-SAR-77),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 foci.</p> <p>{ECO:0000269 PubMed:11598191, ECO:0000269 PubMed:15147863, ECO:0000269 PubMed:17537434}.</p> |
| Molecular Weight: | 150.6 kDa |
| UniProt: | Q8WX93 |

Application Details

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| 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

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| 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 |