

Datasheet for ABIN7564492

PLEKHH2 Protein (AA 1-1491) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PLEKHH2
Protein Characteristics:	AA 1-1491
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHH2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Plekhh2 Protein expressed in mammalian cells.
Sequence:	MEEPSEPEGL IDWKERCVAL EAQLMKFRVQ ASKIRELLAD KMQQLERQVI DAERQAEKAF QEVQVMEEKL KAANIQTSES ETRLYKCCQD LESVMQEKDD IIQNLALRLE EQKQVRIQEA KIIIEKAAKI KEWVTVKLNE LEVENQNLR INQTQTEEIR AIQSKLQELQ EKKISCVSSP KTSEGQRNLT FGCFLSRAKS PPCVVRCEEV SKMASNEPEI TEGRCVEEME IAEKPADNQV QENSRSQRKL HETSCSSEQN QKTRASFAMD GGTSQNSGVP VSDWSSDEDD GSKGRSKSRC TSTLSSHTSE EGGQCGRLGS EAYLTASDDS SSIFEEETFD GNRPEQKKLC SWQQKAPWKA QGNLAKGRSQ SGVKEQDSSS DELNKKFHSQ RLDYTSSSSE ANTPSPILTP ALTPRYPNL PGKGGAPLVP PPFQPPPCLR VPNVFSISVA LTKRHLSQPQ LCSDRMFGTN RNAISMIRPL RPQETDLDVV DGDGAEAVNR MDTGCDDGLF SYDSQDPPPC ADDQENSEAP KKAPCNKPPT PPLHRFPSWE SRIYAVAKSG IRVSEAFNME HANKNSADIL SYSAASLYTS LIYKNMTPV YTTLKGGKATQ ISSPFLDDS SGSDEEDSSR SSSRLSESDA RSRSGPSSPR AMKRGVSDSS AAESDYAIP PDAYPIDAEC SQPEQKLLKT CLASCDNGKN EPLEKSGYLL KMSVRVKTWK

RRWFVLKGG E LLYYKSPSDV IRKPQGHIEL SASCSILRGD NKQTVQLATE KHTYYLTADS
PNILEEWIKV LQSVLRVQAA NPLCLQPEGK PAVKGLLTKV KHGYSKRVC MLVGKVLYYF
RNQEDKFPLG QLKLWEAKVE EVDRSCDSDE DYETRGCYLL STHYTIIVHP KDQGPTYLLI
GSKHEKEAWL YHLTVAAGSN NINVGSEFEQ LVCKLLNIEG EPSSQIWRHP MLCHSKEGIL
SPLTTLPSEA LQTEAIKLFK TCQLFINAAV DSPAIDYHIS LAQSALQVCL THPELQNEIC
CQLIKQTRRR QLQNQPGPLQ GWQLLALCVG LFLPHHPFLW LLQLHLQRNA DSRTEFGKYA
IYCQRCVERT QQNGDREARP SRMEILSTLL RNPYHHSRPF SIPVHFMNGL YQVVGFDAST
TVEEFLNTLN QDTGMRKPAQ SGFALFTDDP SGRDLEHCLQ GNIKICDIIS KWEQASKEQQ
PGKCEGSRV RLTYKNRLYF SVQARGETDR EKTLLEYQTN DQIINGLFPL NKDLALEMAA
LLAQVDIGDF ERPFSTPAGP VTNQCKANQT LKQVIERFYP KRYREGCSEE QLRQLYQRLS
TKWMALRGHS AADCIRIYLT VARKWPPFGA KLFFAKPIAP SSLGNNCVWL AVHENGLSIL
EYTSMLRVTS YMYKGLMTFG GYQEDFMVVV STQSKDRPTE KLLFAMAKHK ILEITLLIAS
YINSFHQQKT TFHLSAPAL LSPRTQAPQA RVMGSQPPLS NSRPTKGPTL L **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:	PLEKHH2
Alternative Name:	Plekhh2 (PLEKHH2 Products)
Background:	Pleckstrin homology domain-containing family H member 2,FUNCTION: In the kidney glomerulus may play a role in linking podocyte foot processes to the glomerular basement membrane. May be involved in stabilization of F-actin by attenuating its depolymerization. Can recruit TGFB111 from focal adhesions to podocyte lamellipodia. {ECO:0000269 PubMed:22832517}.
Molecular Weight:	167.7 kDa
UniProt:	Q8C115

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