

Datasheet for ABIN7555027

PLEKHH2 Protein (AA 1-1493) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PLEKHH2
Protein Characteristics:	AA 1-1493
Origin:	Human
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:	MAELSEPEGP VDWKERCVAL ESQLMKFRVQ ASKIRELLAE KMQQLERQVI DAERQAEKAF QQVQVMEDKL KAANIQTSES ETRLYNKCQD LESLIQEKDD VIQNLELQLE EQKQIRIQEA KIIIEEAKKI KEWVTVKLNE LELENQNLRL INQNQTEEIR TMQSKLQEVQ GKKSSTVSTL KLSEGQLRSS LTFGCFLSRA RSPQVVKSE EMSKISSKEP EFTEGKDMEE MEIPEKSVDN QVLENNRGQR TLHQTPCGSE QNRKTRTSFA TDGGISQNSG APVSDWSSDE EDGSKGRSKS RCTSTLSSHT SEEGVQCSRM GSEMYLTASD DSSSIFEEET FGIKRPEHKK LYSWQQEAQW KALNSPLGKG NSELKKEQD SSSDELNKKF QSQRLDYSSS SSEANTPSPI LTPALMPKHP NSLSGKGTQL VPSSHLPPP L RIPNVFSIS VALAKRHLSQ PQLSSDRMFG TNRNAISMIR PLRPQETDLD LVDGDSTEVL ENMDTSCDDG LFSYDSLDS NSDDQEHCD S AKKVAYS KPP TPPLHRFPSW ESRIYAVAKS GIRMSEAFNM ESVNKNSAAT LSYTTSGLYT SLIYKNM TTP VYTTLK GKAT QISSPFLDD SSGSEEEEDSS RSSSRTSESD SRSRSGPGSP RAMKRGVSL S SVAESDYAI PPDAYSTDTE YSQPEQKLPK TCSSSSDNGK NEPLEKSGYL LKMSGKVKSW

KRRWFVLKGG ELLYYKSPSD VIRKPQGHIE LSASCSILRG DNKQTVQLTT EKHTYYLTAD
SPNILEEWIK VLQNVLRVQA ANPLSLQPEG KPTMKGLLTK VKHGYSKRVW CTLIGKTLYY
FRSQEDKFPL GQIKLWEAKV EEVDRSCDSD EDYEASGRSL LSTHYTIVIH PKDQGPTYLL
IGSKHEKDTW LYHLTVAAGS NNVNVGSEFE QLVCKLLNID GEPSSQIWRH PTLCHSKEGI
ISPLTTLPSE ALQTEAIKLF KTCQLFINAA VDSPAIDYHI SLAQSAQC LTHPELQNEI CCQLIKQTRR
RQPQNQPGPL QGWQLLALCV GLFLPHHPFL WLLRLHLKRN ADSRTEFGKY AIYCQRCVER
TQQNGDREAR PSRMEILSTL LRNPYHHSPL FSIPVHFMNG IYQVVGFDAS TTVEEFLNTL
NQDTGMRKPA QSGFALFTDD PSGRDLEHCL QGNIKICDII SKWEQASKEQ QPGKCEGTRT
VRLTYKNRLY FSVQARGETD REKLLLMYQT NDQIINGLFP LNKDLALEMA ALLSQVEIGD
FERPFSTPAG HVTNQCKVNQ TLKQVIEKFY PKRYRDGCSE EQLRQLCQRL STRWMALRGH
SAADCVRIYL TVARKWPFFG AKLFLAKPIT PSSLGSTFLW LAVHEDGLSL LEYNSMRLIV
SYVYKSLMTF GGYQDDFMVV INNTHSKDKP TEKLLFAMAK PKILEITLLI ASYINNFHQQ
KAAFHLSAP ALLSAQTRGP QARMMGSQPL LSSSRPTKGP TLL **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.
Molecular Weight:	168.2 kDa
UniProt:	Q8IVE3

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