

Datasheet for ABIN7554945

PLEKHG4 Protein (AA 1-1191) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PLEKHG4
Protein Characteristics:	AA 1-1191
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHG4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PLEKHG4 Protein expressed in mammalian cells.
Sequence:	MERPLENGDE SPDSQGHATD WRFVCSFRD AWEEEEPASQ MHVKDPGPPR PPAGATQDEE LQGSPLSRKF QLPPAADESG DAQRGTVESS SVLSEGGGPS GVESLLCPMS SHLSLAQGES DTPGVGLVGD PGPSRAMPSG LSPGALDSDP VGLGDPLSEI SKLLEAAPSG SGLPKPADCL LAQDLCWELL ASGMATLPGT RDVQGRAVLL LCAHSPA WLQ SECSSQELIR LLLYLRSIPR PEVQALGLTV LVDARICAPS SSLFSGLSQL QEAAPGAVYQ VLLVGSTLLK EVPSGLQLEQ LPSQSLLTHI PTAGLPTSLG GGLPYCHQAW LDFRRRLEAL LQNCQAACAL LQGAIESVKA VPQPMEPGEV GQLLQQTEVL MQQVLDSPWL AWLQCQGGRE LTWLKQEVPE VTLSPDYRTA MDKADELYDR VDGLLHQLTL QSNQRIQALE LVQTL EARES GLHQIEVWLQ QVGWPALEEA GEPSLDMLLQ AQGSFQELYQ VAQEQRQGE KFLQPLTGWE AAELDPPGAR FLALRAQLTE FSRALAQRQC RLADAERLFQ LFREALT WAE EGQRVLAELE QERPGVVLQ LQLHWTRHPD LPPAHRKMW ALATGLGSEA IRQECRWAWA RCQDTWLALD QKLEASLKL PVGSTASLCV SQVPAAP AHP PLRKAYSFDR NLGQSLSEPA CHCHHAATIA ACRRPEAGGG ALPQASPTVP

Product Details

PPGSSDPRSL NRLQLVLAEM VATEREYVRA LEYTMENYFP ELDRPDVPQG LRGQRAHLFG
NLEKLRDFHC HFFLRELEAC TRHPPRVAYA FLRHRVQFGM YALYSKNKPR SDALMSSYGH
TFFKDKQQAL GDHLDLASYL LKPIQRMGKY ALLLQELARA CGGPTQELSA LREAQSLVHF
QLRHGNDLLA MDAIQGCDVN LKEQGQLVRQ DEFVVRTGRH KSVRRIFLFE ELLLFKPRH
GPTGVDTFAY KRSFKMADLG LTECCGNSNL RFEIWFRRRK ARDTFVLQAS SLAIKQAWTA
DISHLLWRQA VHNKEVRMAE MVSMGVGNKA FRDIAPSEEA INDRTVNYVL KCREVRSRAS
IAVAPFDHDS LYLGASNSLP GDPASCSVLG SLNLHLYRDP ALLGLRCPLY PSFP EEAALE
AEAELGGQPS LTAEDSEISS QCPSASGSSG SDSSCVSGQA LGRGLEDLPC V **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: PLEKHG4

Alternative Name: PLEKHG4 ([PLEKHG4 Products](#))

Target Details

Background:	Puratrophin-1 (Pleckstrin homology domain-containing family G member 4) (PH domain-containing family G member 4) (Purkinje cell atrophy-associated protein 1),FUNCTION: Possible role in intracellular signaling and cytoskeleton dynamics at the Golgi.
Molecular Weight:	130.8 kDa
UniProt:	Q58EX7

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