

Datasheet for ABIN7563784

**PLEKHG3 Protein (AA 1-1341) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PLEKHG3
Protein Characteristics:	AA 1-1341
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLEKHG3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Plekhg3 Protein expressed in mammalian cells.
Sequence:	MPVSTALHQD GSQERPRSLV STTSSSGSSR DSHSAMEEPT GSEASAQNGT GSPWDRHVPN SNNNSSGWLN MKGPLSPFNG RAGTSPAYHK LSYLGRVVRE IVETERMYVQ DLRSIVEDYL LKIIDTPGLL KPEQVSALFG NIESIYALNS QLLRDLSCN SDPVAVASCF VERSQEFDIY TQYCNNYPNS VAALTECMQD KQQAQFFRDR QELLQHSLPL GSYLLKPVQR VLKYHLLLQE IAKHFDEEED GFEVVEDAID TMTCVAWYIN DMKRRHEHAV RLQEIQSLLI NWKGPDLTTY GELVLEATFR VHRVRNDRTF FLFDKILLIT KKRGDHFVYK GHIPCSSLML IESTRDSLFC TVTHYKHSKQ QYSIQAKTVE EKRSWTHHIK RLILENHHAT IPQAKEAIL EMDSYPSRY RCSPERMKKA WSSQDEVSSH VRQGRRQSEP GHTLFSRATL PSRQQGFEMP GLKGRRKSEP TRHLLRQLSE KARAVGMKHA GSAGALLDFG QPAHAQKQP EAERAAREEL EEEEELVEEE EQRQQSFGS LEGLAGHDGS EKVPGPPELPG SEEEEEEEEES LAVAEQKGRH RESEGSKGCR RPSNRSPTSA EKRMSESVS SLPEVETDPE PGAEQEAF AA LEGPSTEEMP SDPEFPEALE TQLHAPKGLL GVDNPAAVVD FVEPEGSEDL KPLSSEEEEE EEMEAQPE SLLPPSVLDQ

ASVIAERFAS SFSRRSSLAI EDGKSSGLGT PRLISRSSSV LSLEGS DKGL ARWSSIGDSL  
SNPPTPEVII GADMVTDNGP SVNGTESPSA GSGCPT EQDR SSCKKKESAL STRDRQLLDK  
IKNYYENAEH HDAGFSIRRR ELSYIPKGL VRSSVSRFNS LPKPDSEPA PVGYKRP GSS  
RPASWTLFDL PGPRTDKGDP APITDAEFCP SSEIAKIWER MESSERSPRT GSGQS QANGF  
ELQEPLFILE EHELGAITEE SAVASPESAS PTEQPSPAHL ARELKELVKE LSSSVQGELV  
TPLHPRIVQL SHVMDSHVSE RVKNKVYQLA RQYSLRIKNI KAARPPLQWE KVTPDQEEQV  
PSISGLPEEA GELSGGKARR KPVL SLLSYE QLVAQEHGTS KSSAAVETSP RRF SFSPSAV  
SPRTTSPGAR SSARSPLSPF DTETFNWPDV RELCSKYTSH DKTAQVESSW PRLLLVNRSR  
SLPENIVEPP MSGKADRCCG LNTHRR LGDG EASQPPLPES PPQSQLNGGD ALYVTADLTL  
ENNQRVIIME KGPHPSSTVG LEEDSGKESS SPVALKGQGG GFQASAEYQP KEHGPRDSAD  
TNKQGRVRNL REKFQALNSV G **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:	PLEKHG3
Alternative Name:	Plekhg3 ( <a href="#">PLEKHG3 Products</a> )
Background:	Pleckstrin homology domain-containing family G member 3 (PH domain-containing family G member 3),FUNCTION: Plays a role in controlling cell polarity and cell motility by selectively binding newly polymerized actin and activating RAC1 and CDC42 to enhance local actin polymerization. {ECO:0000250 UniProtKB:A1L390}.
Molecular Weight:	148.5 kDa
UniProt:	<a href="#">Q4VAC9</a>

## 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