

Datasheet for ABIN7554992

**PLEKHG3 Protein (AA 1-1219) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	PLEKHG3
Protein Characteristics:	AA 1-1219
Origin:	Human
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:	MPVSTSLHQD GSQERPVS LT STTSSSGSSC DSRSAMEEPS SSEAPAKNGA GSLRSRHLPN SNNNSSSWLN VKGPLSPFNS RAAAGPAHHK LSYLGRVVRE IVETERMYVQ DLRSIVEDYL LKIIDTPGLL KPEQVSALFG NIENIYALNS QLLRDLDCN SDPVAVASCF VERSQEFDIY TQYCNNYPNS VAALTECMRD KQQA KFFRDR QELLQHSLPL GSYLLKPVQR ILKYHLLLQE IAKHFDEEED GFEVVEDAID TMTCAWYIN DMKRRHEHAV RLQEIQSLLI NWKGPDLTTY GELVLEGTFR VHRVRNERTF FLFDKTLIT KKRGDHFVYK GNIPCSSML IESTRDSLFC TVTHYKHSKQ QYSIQAKTVE EKRNWTHHIK RLILENHHAT IPQAKEAIL EMDSYYPNRY RCSPERLKKA WSSQDEVSTN VRQGRRQSEP TKHLLRQLNE KARAAGMKGK GRRESESSRS SRRPSGRSPT STEKRMSFES ISSLPEVEPD PEAGSEQEVF SAVEGPSAEE TPSDTESPEV LETQLDAHQG LLGMDPPGDM VDFVAAESTE DLKALSSEEE EEMGGAAQEP ESSLPPSVLD QASVIAERFV SSFSRRSSVA QEDSKSSGFG SPRLVSRSSS VLSLEGSEKG LARHGSATDS LSCQLSPEVD ISVGVATEDS PSVNGMEPPS PGCPVEPDRS SCKKKESALS TRDRLLLDKI

## Product Details

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KSYYENAEHH DAGFSVRRRE SLSYIPKGLV RNSISRFNSL PRPDPEVPP VGSKRQVGSR  
PTSWALFELP GPSQAVKGDPPISDAEFRP SSEIVKIWEG MESSGGSPGK GPGQQQANGF  
DLHEPLFILE EHELGAITEE SATASPESSS PTEGRSPAHL ARELKELVKE LSSSTQGELV  
APLHPRIVQL SHVMDSHVSE RVKNKVYQLA RQYSLRIKSN KPVMARPLQ WEKVAPERDG  
KSPTVPCLQE EAGEPLGGKG KRKPVLSLFD YEQLMAQEHS PPKPSSAGEM SPQRFFFNPS  
AVSQRTTSPG GRPSARSPLS PTETFSWPDV RELCSKYASR DEARRAGGGR PRGPPVNRSH  
SVPENMVEPP LSGRVGRCS LSTKRGRGGG EAAQSPGPLP QSKPDGGETL YVTADLTLED  
NRRVIVMEKG PLPSPTAGLE ESSGQGPSSP VALLGQVQDF QQSAECQPKE EGSRDPADPS  
QQGRVRNLRE KFQALNSVG **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.

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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.

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

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Grade: custom-made

## Target Details

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Target: PLEKHG3

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Alternative Name: PLEKHG3 ([PLEKHG3 Products](#))

## Target Details

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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:0000269|PubMed:27555588}.

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Molecular Weight: 134.4 kDa

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UniProt: [A1L390](#)

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## 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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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