

Datasheet for ABIN7553985  
**RPGRIP1L Protein (AA 1-1315) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	RPGRIP1L
Protein Characteristics:	AA 1-1315
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPGRIP1L protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant RPGRIP1L Protein expressed in mammalian cells.
Sequence:	MSGPTDETAG DLPVKDTGLN LFGMGGLQET STTRTMKSRQ AVSRVSREEL EDRFLRLHDE NILLKQHARK QEDKIKRMAT KLIRLVNDKK RYERVGGGPK RLGRDVEMEE MIEQLQEKVH ELEKQNETLK NRLISAKQQL QTQGYRQTPY NNVQSRINTG RRKANENAGL QECPRKGIKF QDADVAETPH PMFTKYGNSL LEEARGEIRN LENVIQSQRG QIEELEHLAE ILKTQLRRKE NEIELSLLQL REQQATDQRS NIRDNVEMIK LHKQLVEKSN ALSAMEGKFI QLQEKQRTLRL ISHDALMANG DELNMQLKEQ RLKCCSLEKQ LHSMKFSERR IEELQDRIND LEKERELLKE NYDKLYDSAF SAAHEEQWKL KEQQLKVQIA QLETALKSDL TDKTEILDRL KTERDQNEKL VQENRELQLQ YLEQKQLDE LKKRIKLYNQ ENDINADELS EALLLIKAQK EQKNGDLSFL VKVDSEINKD LERSMRELQA THAETVQELE KTRNMLIMQH KINKDYQMEV EAVTRKMENL QQDYELKVEQ YVHLLDIRAA RIHKLEAQLK DIAYGTKQYK FKPEIMPDDS VDEFDETIHL ERGENLFIEH INKVTFSSSEV LQASGDKEPV TFCTYAFYDF ELQTPVVRG LHPEYNFTSQ YLVHVNDLFL QYIQKNTITL EVHQAYSTEY ETIAACQLKF HEILEKSGRI FCTASLIGTK

GDIPNFGTVE YWFLRVPMQD QAIRLYRERA KALGYITSNF KGPEHMQSLS QQAPKTAQLS  
STDSTDGNLN ELHITIRCCN HLQSRASHLQ PHPYVVYKFF DFADHDTAII PSSNDPQFDD  
HMYFPVPMNM DLDRYLKSES LSFYVFDDSD TQENIYIGKV NVPLISLAHD RCISGIFELT  
DHQKHPAGTI HVILKWKFAY LPPSGSITTE DLGNFIRSEE PEVVQRLPPA SSVSTLVLP  
RPKPRQLRTP VDKKVSFVDI MPHQSDTSP PPEDRKEISP EVEHIPEIEI NMLTVPHVPK  
VSQEGSVDEV KENTKMQQG KDDVSLLESEG QLAEQSLASS EDETEITEDL EPEVEEDMSA  
SDSDDCIIPG PISKNIKQSL ALSPGLGCSS AISAHCNFR L PGSSDFPASA SQVDGITGAC  
HHTQPSEKIR IEIIALSLND SQVTMDDTIQ RLFVECRFYS LPAEETPVSL PKPKSGQWVY  
YNYSNVIYVD KENNAKARDI LKAILQKQEM PNRSLRFTVV SDPPEDEQDL ECEDIGVAHV  
DLADMFQEGR DLIEQNIDVF DARADGEGIG KLRVTVEALH ALQSVYKQYR DDLEA **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:	RPGRIP1L
Alternative Name:	RPGRIP1L ( <a href="#">RPGRIP1L Products</a> )
Background:	Protein fantom (Nephrocystin-8) (RPGR-interacting protein 1-like protein) (RPGRIP1-like protein),FUNCTION: Negatively regulates signaling through the G-protein coupled thromboxane A2 receptor (TBXA2R) (PubMed:19464661). May be involved in mechanisms like programmed cell death, craniofacial development, patterning of the limbs, and formation of the left-right axis (By similarity). Involved in the organization of apical junctions, the function is proposed to implicate a NPHP1-4-8 module. Does not seem to be strictly required for ciliogenesis (PubMed:19464661). Involved in establishment of planar cell polarity such as in cochlear sensory epithelium and is proposed to implicate stabilization of disheveled proteins (By similarity). Involved in regulation of proteasomal activity at the primary cilium probably implicating association with PSDM2 (By similarity). {ECO:0000250 UniProtKB:Q8CG73, ECO:0000269 PubMed:19464661}.
Molecular Weight:	151.2 kDa
UniProt:	<a href="#">Q68CZ1</a>
Pathways:	<a href="#">DNA Replication</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Synthesis of DNA</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