

Datasheet for ABIN7555278
RPGRIP1 Protein (AA 1-1286) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RPGRIP1
Protein Characteristics:	AA 1-1286
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPGRIP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RPGRIP1 Protein expressed in mammalian cells.
Sequence:	<p>MSHLVDPTSG DLPVRDIDAI PLVLPASKGK NMKTQPPLSR MNREELEDSF FRLREDHMLV KELSWKQQDE IKRLRTLLR LTAAGRDLRV AEEAAPLSET ARRGQKAGWR QRLSMHQRPQ MHRMQGHFHC VGPASPRRAQ PRVQVGHQRQL HTAGAPVPEK PKRGPRDRLS YTAPPSFKEH ATNENRGEVA SKPSELVSGS NSIISFSSVI SMAKPIGLCM PNSAHIMASN TMQVEEPPKS PEKMWPKDEN FEQRSSLECA QKAAELRASI KEKVELIRLK KLLHERNASL VMTKAQLTEV QEAYETLLQK NQGILSAAHE ALLKQVNELR AELKEESKKA VSLKSQLEDV SILQMTLKEF QERVEDLEKE RKLLNDNYDK LLESMLDSSD SSSQPHWSNE LIAEQLQQQV SQLQDQLDAE LEDKRKVLLE LSREKAQNEK LKLEVTNLIQ KHKQEVELLQ NAATISQPPD RQSEPATHPA VLQENTQIEP SEPKNQEEKK LSQVLNELQV SHAETTLELE KTRDMLILQR KINVCYQEEL EAMMTKADND NRDHKEKLER LTRLLDLKNN RIKQLEGILR SHDLPTSEQL KDVAYGTRPL SLCLETLPAAH GDEDKVDISL LHQGENLFEL HIHQAFLLSA ALAQAGDTQP TTFCTYSFYD FETHCTPLSV GPQPLYDFTS QYVMETDSLF LHYLQEASAR LDIHQAMASE HSTLAAGWIC</p>

Product Details

FDRVLETVEK VHGLATLIGA GGEEFGVLEY WMRLRFPIKP SLQACNKRKK AQVYLSTDVL
GGRKAQEEEF RSESWEPQNE LWIEITKCCG LRSRWLGTQP SPYAVYRFFT FSDHDTAIP
ASNNPYFRDQ ARFPVLVTSQ LDHYLRREAL SIHVFDDEDL EPGSYLGRAR VPLLPLAKNE
SIKGFNLTQ PAEKPNGSIQ VQLDWKFPYI PPESFLKPEA QTKGKDTKDS SKISSEEEKA
SFPSQDQMAS PEVPIEAGQY RSKRKPPHGG ERKEKEHQVV SYSRRKHGKR IGVQGKNRME
YLSLNILNGN TPEQVNYTEW KFSETNSFIG DGFKNQHEEE EMTLSHSALK QKEPLHPVND
KESSEQGSEV SEAQTDSDD VIVPPMSQKY PKADSEKMC IIVSLAFYPE AEVMSDENIK
QVYVEYKFYD LPLSETETPV SLRKPRAGEE IHFHFSKVID LDPQEQGRR RFLFDMLNGQ
DPDQGHKFT VVSDPLDEEK KECEEVGYAY LQLWQILESG RDILEQELDI VSPEDLATPI
GRLKVSQA AVLAHAIKEM TEDLFS **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: RPGRIP1

Target Details

Alternative Name:	RPGRIP1 (RPGRIP1 Products)
Background:	X-linked retinitis pigmentosa GTPase regulator-interacting protein 1 (RPGR-interacting protein 1),FUNCTION: May function as scaffolding protein. Required for normal location of RPGR at the connecting cilium of photoreceptor cells. Required for normal disk morphogenesis and disk organization in the outer segment of photoreceptor cells and for survival of photoreceptor cells. {ECO:0000250 UniProtKB:Q9EPQ2, ECO:0000305 PubMed:10958648}.
Molecular Weight:	146.7 kDa
UniProt:	Q96KN7

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