

Datasheet for ABIN7565026  
**RPGRIP1 Protein (AA 1-1331) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	RPGRIP1
Protein Characteristics:	AA 1-1331
Origin:	Mouse
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>MQHLLEYMPE DLPVRDTDSS PLLKGTSGKN VRAQPHLGRM NQKELNCRRL HLHEEPTLVK EPSPKQRDKN RRRRTNVQRS TTTQDLRTL AVLQEPERRR RPWVSASPSP SAPPRAPVPG RKAHVQRLCP STAVGSAQPR VHAGRRLPHI AGPNDRRSHT APPAFKDYVA DKNTRIEITR EPSQLTHTMT TDSTHVEEIP RSPEKTSKVE KPEQRSSEEC TQKAAELRAS IKENVELIRL KKLLQERNTS LAATEAQLTR VQEAYEDLLQ KNQGILDTAH NAFLSQVNEL KAELSEESKK AVSLRTLQGD VSILQITLKE FQVRVEDLEK ERKLLSDSYD RLLNMLDSS HQPLDSSHQP HWSTELTGKQ LPPQVCPLLD QMGTALEETK VFRQATNAAA QDGKLFQDT DILYQHEQEE ESLQSTATVA SSPEELCELA AQPTELLPQTD QRESSEPKAQ DENDLSQVLS ELQVSHAETT LELEKTRDML LLQRKINMCY QEELEATLTK ADRENDRHEE KLERLNHLLD FKNSRIKQLE GILRSHGLPT SEQLKDVAYG TLPPSLCLEP LAAHRGDDEV DMSLLHPSN LFELHVHQAF LTPAALTQAG DTQPPTFCTY SFYDFETHCT PLSTGPQPLY DFTSQYVVQA DYLLHLYLQG TSVRLDLHQA MASEYHVLAT GWISLDKVLG TVERVHGLAT LAGAGGEDLG VLEYWMRLCL</p>

PLKPSLQACN KRKKAQAYLS VSVLGARKVQ SNESRSETWA PQNELRVEIT RCCGLRSRRL  
GRQSPYVMY RFFTFPDHDT IIPASSNPY FKDQALFPVL VTSDDLQYLR REALSVYVFD  
DEDPEPGSYL GRAQVPLLPL AQNKSIGDF NLTDSGEKS N GSIKQLDWK SHYLAPEGFQ  
MSEAEKPEGE EKEEEGGEEE VKEEVEEEEE EEEEEEEVK EEEEEEEEE REEEEEEEEE  
KEEEEEDEK EEEEEEEEE EEEEEENKD VLEASFTEEW VPFFSQDQIA STEIPIEAGQ  
YPEKRKPPVI AEKKEREHV ASYSRRKHSK KPGVQDKNRM EYLSCNINLNG NTQQMHYTEW  
KFSGLKKAED GGLKAQDKRE EPPSPRSALR QEHPHPRNA FSLADQESCE QASEVSETQT  
TDSDDIIVTP QAQTVPKADS EKMCIEIVSL AFCPEADVMS DETIQVYVE YKFCDLPLSE  
TETPMSLRKP RAGEEIHFFH SKVIDLDPVE HQSRRQFLFA MLHAQDSDEG RKFQTVVSDP  
LDEEKKECQD IGYAYLELWQ IFQSGDILE QELEIVSPRN QAIQIGRLKV SLQAAAALHG  
IYKEMTEDLF S **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:	RPGRIP1
Alternative Name:	Rpgrip1 ( <a href="#">RPGRIP1 Products</a> )
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:0000269 PubMed:12651948}.
Molecular Weight:	152.0 kDa
UniProt:	<a href="#">Q9EPQ2</a>

## 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.
Restrictions:	For Research Use only

## Handling

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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