

Datasheet for ABIN7551395
RGP1 Protein (AA 1-391) (His tag)



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Overview

Quantity:	1 mg
Target:	RGP1
Protein Characteristics:	AA 1-391
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGP1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RGP1 Protein expressed in mammalian cells.
Sequence:	MIEVVAELSR GPVFLAGEAL ECVTVTNPL PPTATSASSE ALAWASAIQH CQFHASESRV ALPPDSSQP DVQPDSQTVF LPHRGERGQC ILSTPPKILF CDLRLDPGES KSYSYSEVLP IEGPPSFRGQ SVKYVYKLT I GCQRVNSPIT LLRVPLRVLV LTGLQDVRFP QDEAVAPSSP FLEEDEGGKK DSWLAELAGE RLMAATSCRS LHLYNISDGR GKVGTFGIFK SVYRLGEDVV GTLNLGEGTV ACLQFSVSLQ TEERVQPEYQ RRRGAGGVPS VSHVTHARHQ ESCLHTTRTS FSLPIPLSST PGFCTAIVSL KWRLHFEFVT SREPLVLLP PVEQPEPTTW TGPEQVPVDT FSWDLPIKVL PTSPTLASYA APGPSTSTIT 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.

Product Details

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:

RGP1

Alternative Name:

RGP1 ([RGP1 Products](#))

Background:

RAB6A-GEF complex partner protein 2 (Retrograde Golgi transport protein RGP1 homolog),FUNCTION: The RIC1-RGP1 complex acts as a guanine nucleotide exchange factor (GEF), which activates RAB6A by exchanging bound GDP for free GTP and may thereby required for efficient fusion of endosome-derived vesicles with the Golgi compartment. The RIC1-RGP1 complex participates in the recycling of mannose-6-phosphate receptors. {ECO:0000269|PubMed:23091056}.

Molecular Weight:

42.5 kDa

UniProt:

[Q92546](#)

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.

Application Details

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