

Datasheet for ABIN7551173

RGS7BP Protein (AA 1-257) (His tag)



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Overview

Quantity:	1 mg
Target:	RGS7BP
Protein Characteristics:	AA 1-257
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS7BP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RGS7BP Protein expressed in mammalian cells.
Sequence:	MSSAPNGRKK RPSRSTRSSI FQISKPLQS GDWERRGSGS ESAHKTQRAL DDCKMLVQEF NTQVALYREL VISIGDVSVS CPSLRAEMHK TRTKGCEMAR QAHQKLAAIS GPEDGEIHPE ICRLYIQLQC CLEMYTTEML KSICLLGSLQ FHRKGKEPGG GTKSLDCKIE ESAETPALED SSSSPVDSQQ HSWQVSTDIE NTERDMREMK NLLSKLRETM PLPLKNQDDS SLLNLTPYPL VRRRKRRFFG LCCLISS 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.

Product Details

- 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:	RGS7BP
Alternative Name:	RGS7BP (RGS7BP Products)
Background:	Regulator of G-protein signaling 7-binding protein (R7 family-binding protein),FUNCTION: Regulator of G protein-coupled receptor (GPCR) signaling. Regulatory subunit of the R7-Gbeta5 complexes that acts by controlling the subcellular location of the R7-Gbeta5 complexes. When palmitoylated, it targets the R7-Gbeta5 complexes to the plasma membrane, leading to inhibit G protein alpha subunits. When it is unpalmitoylated, the R7-Gbeta5 complexes undergo a nuclear/cytoplasmic shuttling. May also act by controlling the proteolytic stability of R7 proteins, probably by protecting them from degradation. {ECO:0000250 UniProtKB:Q8BQP9}.
Molecular Weight:	29.0 kDa
UniProt:	Q6MZT1

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