

Datasheet for ABIN7562152
RGS22 Protein (AA 1-1258) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RGS22
Protein Characteristics:	AA 1-1258
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RGS22 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rgs22 Protein expressed in mammalian cells.
Sequence:	MPEKRLSAEP PEVTEEEFEN YLATDNFLVD YFNEFLSLPT FPEAIRFNVD YGVFEVWDA PQLLEKQLKK ILQNQQPRNP IYDVVRKGKS DSKSTQKSVP CEDEAINVNY SIMCLKREQG INWIKRERLP AFLESDCYFE YRLAKLISQA TWSSTGMNFI VGTNFTPWIL RPPAPPPPPS TDEDNYMIMK KFYVSLGQAS YTQTKDWFTL AKESENTVTM ASLPCCIPHH QTASPVIATA SEIFDDGVHP RTIKLSLSSS KAVSELDEEE EGSISMKDSP SQALLRVYLE KKGKERNLT LHFSSVEEFL DAYIIFILRE AIQHITGQSL SDTPEYINYY KVSHVIFDKV PPVPSNKAIV SPPVEMVEEI SKDRLENVSL SSESESIGPE SRADWCISHR TYDIGNRREF ERFKKFLKGT LGERYWWLWM DIERLKVLDK PERHQRHLEK MKKCYLVSSG ERYLSAEILS KFKLLHGSRW TADHLKNIQA EVLKPLLLYW APRFCVTHSA SAKNASTELK FWRLRQEKPR KDVDPPFQMA TLLPLRPKSC IPQTPEVQGE EINLFQPSKF KKLKSKINAGT QQLGRSEPLN AVSSKDGGLE KGSKRLPEST TVVRLTSFTD ISECLKPQLE RKYTYTEEHN VKTVSNVGAL GGFDMENLLQ SLYVENRAGF FFTKFCENSG NKLWKHSVYF WFDLQAYHQL FYQETLQPFK VCKQAQYLFA TYIAPSASF

Product Details

IGLHQEGKKD IYMKIQPPFE DLFDTAEEFI LLSLLEPWTQ MVMSDKMAYK KVELQEETRQ
LDSACFRKLH ALHKETISKK AEDTTGYAMA KLSLSDVSKQ TEYWLVNPEG YKHFTFTDLL
NNKLEFEHFR QFLESHSSSL DLMCWIDIEQ FRRIIFKDQK QREEKSIYIK NKYLNKKYFF
GPRSPASLHQ QNQIMLLSGG WGRILHEQLD ASVLVEIQKH VLNRLNVWL PLFLSSEQFA
SRQKIKTQMK DIADELLLQR HDRKIGVWKP VESKWISSSC EIIAFRKALL NPVIARQFQR
FVALKGDLLLE NGVLFWQEVQ KFKDLCHSHC DESIIHKKIT TIINCFINSY IPPALQIDIP VEQAQKILEH
RKELGPYVFR EAQMTIFGVL FKFWPQFCEF RKNLTDEKIM SVLERRQEHK QKRKASDTEE
DKAGKSGVKQ YASTTGSLTK PVLGSESLLV LQSYGRQPTW CYSKYIEALE QERILLKIQE
EVERKMFTGT SSFTNLLKPS TGSALSLLKN VSLHSIQR **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: RGS22

Target Details

Alternative Name:	Rgs22 (RGS22 Products)
Background:	Regulator of G-protein signaling 22,FUNCTION: Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. {ECO:0000250}.
Molecular Weight:	145.9 kDa
UniProt:	G3UYX5
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

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