

Datasheet for ABIN7555171  
**RGS22 Protein (AA 1-1264) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RGS22
Protein Characteristics:	AA 1-1264
Origin:	Human
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:	MPEKRLTAEP PTITEEEFED SLATDDFLVD YFNEFLSLPT FSEAIRFNAD YGVFEVANDA PQFLEKQLKK ILQNQQPRNP IYDVVRKGKN EVKPVQMNAP DEDETINVNY NIMCLSREEG IKWIKKERLP AFLESDCYFE YRLAKLVSQV RWSKSGMNFT VGSNFSPWIV KKPPSLPPPA TEEDNLVIMK KFYVSLGEAS YTQTKDWFAL AKQSQQTVST FSLPCCVPYN KLKSPAISV SENFIFDDGV HPRTKKDPSK TNKLISEFEE EEEEEEEVSV SLQDTPSQAL LRVYLEKKQD VDESLTMHFS TCEEFLSSYI YFILRGAIQQ IVGKPVGETP DYINFNNITK VSFDDCFESI HGKNFLSELV QTTKERSEEI EQTSLSSKNE SAGPESRADW CISHRTYDIG NRKEFERFKK FIKGTLGERY WWLWMDIERL KVLKDPGRHQ RHLEKMKKCY LVSNGDYLYS AEILSKFKLL DGSQWNEEHL RNIQSEVLKP LLLYWAPRFC VTHSASTKYA SAELKFWHLR QAKPRKDIDP FPQMATLLPL RPKSCIPQIP EIQKEEFSL S QPPKSPNKSP EVKTATQKPW KRELLYPGSS KDDVIEKGSK YMSESSKVIH LTSFTDISEC LKPQLDRRYA YTEEPRVKTV SDVGALGGSD MENLLQSLYV ENRAGFFFTK FCEHSGNKLW KNSVYFWFDL QAYHQLFYQE TLQPFKVCKQ

## Product Details

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AQYLFATYVA PSATLDIGLQ QEKKKEIYMK IQPPFEDLFD TAEYILLLL LEPWTKMVKS  
DQIAYKKVEL VEETRQLDST YFRKLQALHK ETFSKKAEDT TCEIGTGILS LSNVSKRTEY  
WDNVPAEYKH FKFSDLLNKK LEFEHFRQFL ETHSSSMDLM CWTDIEQFRR ITYRDRNQRK  
AKSIYIKNKY LNKKYFFGPN SPASLYQQNQ VMHLSGGWGK ILHEQLDAPV LVEIQKHVQN  
RLENVWLPLF LASEQFAARQ KIKVQMKDIA EELLQKAEK KIGVWKPVES KWISSSCKII  
AFRKALLNPV TSRQFQRFVA LKGDLENGL LFWQEVQKYK DLCHSHCDES VIQKKITTII  
NCFINSSIPP ALQIDIPVEQ AQKIIHRKE LGPYVFREQ MTIFGVLKFK WPQFCEFRKN  
LTDENIMSVL ERRQEYNKQK KKLAVLEDEK SGKDGIKQYA NTSVPAIKTA LLSDFSFLGLQ  
PYGRQPTWCY SKYIEALEQE RILLKIQEEL EKKLFLAGLQP LTNFKASSST MSLKKNMSAH SSQK

**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: RGS22

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## Target Details

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Alternative Name:	RGS22 ( <a href="#">RGS22 Products</a> )
Background:	Regulator of G-protein signaling 22 (RGS22),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:	147.2 kDa
UniProt:	<a href="#">Q8NE09</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</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