

Regulator of G-protein signaling 2 Recombinant Protein | RGS2 recombinant protein

Recombinant Human Regulator of G-protein signaling 2

CATALOG # AAA113892	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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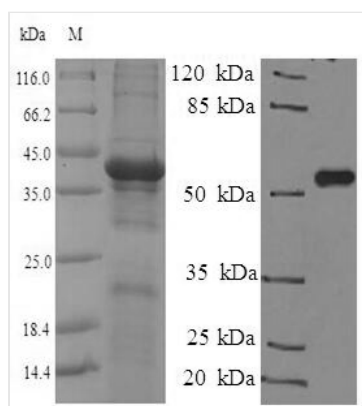
PRODUCT SYNONYMS

Regulator of G-protein signaling 2; Recombinant Human Regulator of G-protein signaling 2; Cell growth-inhibiting gene 31 protein; G0/G1 switch regulatory protein 8; RGS2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-211 aa; Full Length
Sequence	MQSAMFLAVQ HDCRPMDKSA GSGHKSEEKR EKMRTLLKD WKTRLSYFLQ NSSTPGKPKT GKSKQQAFL KPSPEEAQLW SEAFDELLAS KYGLAAFAF LKSEFCEENI EFWLACEDFK KTKSPQKLSS KARKIYTDFI EKEAPKEINI DFQTKLIAQ NIQEATSGCF TTAQKRVYSL MENNSYPRFL ESEFYQDLCK KPQITTEPHA T
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RGS2 recombinant protein	Inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving th into their inactive GDP-bound form. May play a role in leukogenesis. Plays a role in negative feedback control pathway for adenylyl cyclase signaling. Binds EIF2B5 and blocks its activity, thereby inhibiting the translation of mRNA into protein.
Product Categories/Family for RGS2 recombinant protein	Signal Transduction
References	A human gene encoding a putative basic helix-loop-helix phosphoprotein whose mRNA increases rapidly in cycloheximide-treated blood mononuclear cells.Siderovski D.P., Heximer S.P., Forsdyke D.R.DNA Cell Biol. 13:125-147(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506517
NCBI GeneID	5997
NCBI Accession #	NP_002914.1
NCBI GenBank Nucleotide #	NM_002923.3
UniProt Accession #	P41220; Q6I9U5
Molecular Weight	40.4 kDa
NCBI Official Full Name	regulator of G-protein signaling 2
NCBI Official Synonym Full Names	regulator of G-protein signaling 2
NCBI Official Symbol	RGS2
NCBI Official Synonym Symbols	G0S8
NCBI Protein Information	regulator of G-protein signaling 2
UniProt Protein Name	Regulator of G-protein signaling 2
UniProt Gene Name	RGS2
UniProt Synonym Gene Names	G0S8; RGS2
UniProt Entry Name	RGS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rgs2-recombinant-protein-e-coli/113892>