

Recombinant Human RGS7 protein ab159342

1 Image

Description	
Product name	Recombinant Human RGS7 protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MAQGNNYGQTSNGVADESPNMLVYRKMEDVIARMQDEK NGIPIRTVKSFL SKIPSVFSGSDIVQWLIKNLTIEDPVEALHLGTLMAAHGYFF PISDHVLT LKDDGTFYRFQTPYFWPSNCWEPENTDYAVYLCKRTMQN KARLELADYEA ESLARLQRAFARKWEFIFMQAEAQAKVDKKRDKIERKILD SQERAFWDVH RPVPGCVNTTEVDIKKSSRMNPNHKTRKSVYGLQNDIRSH SPTHTPTPET KPPTDELQQQIKYWQIQLDRHRLKMSKVADSLLSYTEQY LEYDPFLLPP DPSNPWLSDDTTFWELEASKEPSQQRVKRWGFGMDEA LKDPVGREQFLKF LESEFSSENLRFWLAVEDLKKRPIKEVPSRVQEMQEFLA PGAPSAINLD SKSYDKTTHNVKEPGRYTFEDAQEHYKLMKSDSYPRFIRS SAYQELLQA KKKSGNSMDRRTSFEKFAQNVGKSLTSKRLTSLAQSY
Amino acids	1 to 487
Tags	GST tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab159342 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot

ELISA

Form Liquid

Additional notes

Preparation and Storage

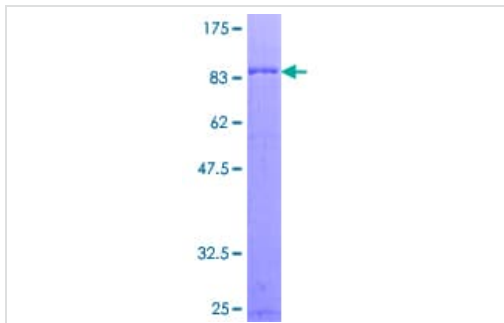
Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Relevance RGS7 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP bound form. Activity on G(o) alpha is specifically enhanced by the RGS6/GNG5 dimer. RGS7 may play a role in synaptic vesicle exocytosis and may play an important role in the rapid regulation of neuronal excitability and the cellular responses to short lived stimulations.

Cellular localization Cytoplasmic

Images



SDS-PAGE - Recombinant Human RGS7 protein
(ab159342)

ab159342 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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