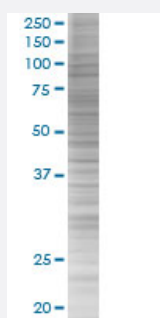


RGS10 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006001-T01

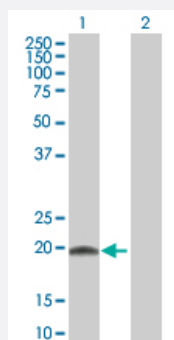
Size 100 uL

Applications



SDS-PAGE Gel

RGS10 transfected lysate.



Western Blot

Lane 1: RGS10 transfected lysate (20.02 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RGS10 full-length
Host	Human
Theoretical MW (kDa)	20.02
Interspecies Antigen Sequence	Mouse (92); Rat (94)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RGS10 antibody ([H00006001-B01](#)) by Western Blots.
 SDS-PAGE Gel
 RGS10 transfected lysate.
 Western Blot
 Lane 1: RGS10 transfected lysate (20.02 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — RGS10

Entrez GeneID

[6001](#)

GeneBank Accession#

[NM_001005339.1](#)

Protein Accession#

-

Gene Name

RGS10

Gene Alias

-

Gene Description

regulator of G-protein signaling 10

Omim ID

[602856](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein associates specifically with the activated forms of the two related G-protein subunits, G-alpha13 and G-alpha12 but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000020597|OTTHUMP00000069158|regulator of G-protein signalling 10

Disease

- [Alzheimer Disease](#)
- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)