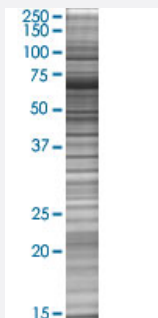


RGS14 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010636-T01

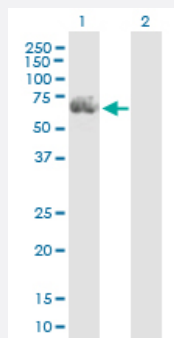
Size 100 uL

Applications



SDS-PAGE Gel

RGS14 transfected lysate.



Western Blot

Lane 1: RGS14 transfected lysate (61.4 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RGS14 full-length

Host Human

Theoretical MW (kDa) 61.4

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RGS14 antibody ([H00010636-B01P](#)) by Western Blots.

SDS-PAGE Gel

RGS14 transfected lysate.

Western Blot

Lane 1: RGS14 transfected lysate (61.4 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 — RGS14

Entrez GeneID	10636
GeneBank Accession#	NM_006480
Protein Accession#	NP_006471.2
Gene Name	RGS14
Gene Alias	-
Gene Description	regulator of G-protein signaling 14
Omim ID	602513
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the regulator of G-protein signaling family. This protein contains one RGS domain, two Raf-like Ras-binding domains (RBDs), and one GoLoco domain. The protein attenuates the signaling activity of G-proteins by binding, through its GoLoco domain, to specific types of activated, GTP-bound G alpha subunits. Acting as a GTPase activating protein (GAP), the protein increases the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized. [provided by RefSeq]
Other Designations	regulator of G-protein signalling 14

Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)