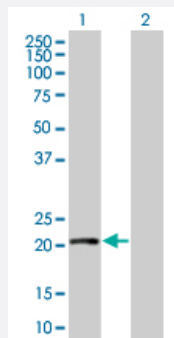


RGS1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005996-T02

Size 100 uL

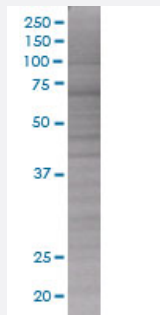
Applications



Western Blot

Lane 1: RGS1 transfected lysate (22.5 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

RGS1 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RGS1 full-length
Host	Human
Theoretical MW (kDa)	21.67
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-RGS1 antibody (H00005996-B02) by Western Blots. Western Blot Lane 1: RGS1 transfected lysate (22.5 KDa) Lane 2: Non-transfected lysate. SDS-PAGE Gel RGS1 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 — RGS1

Entrez GeneID[5996](#)**GeneBank Accession#**[NM_002922](#)**Protein Accession#**[NP_002913](#)**Gene Name**

RGS1

Gene Alias

1R20, BL34, IER1, IR20

Gene Description

regulator of G-protein signaling 1

Omim ID[600323](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to a activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing 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. [provided by RefSeq]

Other Designations

B-cell activation protein BL34|OTTHUMP00000033591|early response protein 1R20|immediate-early response 1, B-cell specific|regulator of G-protein signalling 1

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)

- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
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