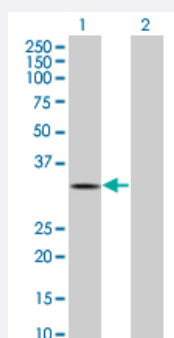


RGS2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005997-T01

Size 100 uL

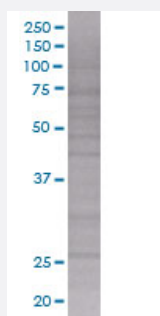
Applications



Western Blot

Lane 1: RGS2 transfected lysate (24.4 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

RGS2 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-RGS2 full-length

Host Human

Theoretical MW (kDa) 24.4

Quality Control Testing Transient overexpression cell lysate was tested with Anti-RGS2 antibody ([H00005997-B01](#)) by Western Blots.
Western Blot
Lane 1: RGS2 transfected lysate (24.4 kDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
RGS2 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 — RGS2

Entrez GeneID[5997](#)**GeneBank Accession#**[NM_002923](#)**Protein Accession#**[NP_002914](#)**Gene Name**

RGS2

Gene Alias

G0S8

Gene Description

regulator of G-protein signaling 2, 24kDa

Omim ID[600861](#)**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 2 belongs to this family. The protein acts as a mediator of myeloid differentiation and may play a role in leukemogenesis. [provided by RefSeq]

Other Designations

G0 to G1 switch regulatory 8, 24kD|OTTHUMP00000033592|OTTHUMP00000060765|cell growth-inhibiting protein 31|regulator of G-protein signalling 2, 24kD|regulator of G-protein signalling 2, 24kDa

Disease

- [Adenocarcinoma](#)
- [Agoraphobia](#)

- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Atherosclerosis](#)
- [Autonomic Nervous System Diseases](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
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- [Panic Disorder](#)
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