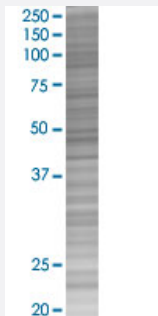


RGS5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00008490-T02

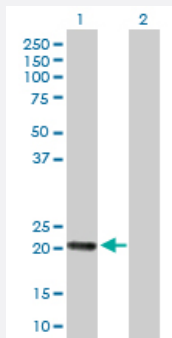
Size 100 uL

Applications



SDS-PAGE Gel

RGS5 transfected lysate.



Western Blot

Lane 1: RGS5 transfected lysate (20.90 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-RGS5 full-length
Host	Human
Theoretical MW (kDa)	20.9
Interspecies Antigen Sequence	Mouse (90); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-RGS5 antibody ([H00008490-D01P](#)) by Western Blots.
SDS-PAGE Gel
RGS5 transfected lysate.
Western Blot
Lane 1: RGS5 transfected lysate (20.90 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 — RGS5

Entrez GeneID

[8490](#)

GeneBank Accession#

[NM_003617](#)

Protein Accession#

[NP_003608.1](#)

Gene Name

RGS5

Gene Alias

MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129

Gene Description

regulator of G-protein signaling 5

Omim ID

[145500 603276](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The regulator of G protein signaling (RGS) proteins are signal transduction molecules that have structural homology to SST2 of *Saccharomyces cerevisiae* and EGL-10 of *Caenorhabditis elegans*. Multiple genes homologous to SST2 are present in higher eukaryotes. RGS proteins are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators.[supplied by OMIM]

Other Designations

OTTHUMP00000032361|Regulator of G protein signaling-5|regulator of G-protein signalling 5

Disease

- [Adenocarcinoma](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypertension](#)
- [Lung Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Pulmonary Disease](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)