

Full-Length

RAP1GDS1 (Human) Recombinant Protein (P01)

Catalog # H00005910-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RAP1GDS1 full-length ORF (AAH01816, 1 a.a. - 607 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MADNLSDTLKKLKITAVDKTEDSLEGCLDCLLQALAQNNNTETSEKIQASGILQLFATLLTPQSSCKA
KVANIAEVAKNEFMRI PCVDAGLISPLVQLLNSKDQEVLLQTGRALGNICYDSHEGRSAVDQAGG
AQVIDHLRSLCSITDPANEKLLTVFCGMLMNYSNENDSLQAQLINMGVIPTLVKLLGIHCQNAALTE
MCLVAFGNLAELESSKEQFASTNIAEELVKLFKKQIEHDKREMIFEVLAPLAENDA IKLQLVEAGLV
ECLEIVQQKVDSDKEDDITELKTGSDLMVLLLLGDESMQKLFEGGKGSVFQRVLSWIPSNNHQL
QLAGALAIANFARNDANCIHMVDNGVEKLMDDLDRHVEDGNVTVQHAALSALRNLAIPVINKAKM
LSAGVTEAVLKFLKSEMPVQFKLLGTLRMLIDAQEAEEQLGKNVKLVERLVEWCEAKDHAGVM
GESNRLLSALIRHSKSKDVIKTVQSGGIKHLVTMATSEHVMQNEALVALALIAALELGTAEKDLES
AKLVQILHRL LADERSAPEIKYNSMVLICALMGSECLHKEVQDLAFLDVVSKLRSHENKSVAQQA
SLTEQRLTVES

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

92.29

Interspecies Antigen Sequence

Mouse (95); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RAP1GDS1

Entrez GeneID	5910
GeneBank Accession#	BC001816
Protein Accession#	AAH01816
Gene Name	RAP1GDS1
Gene Alias	GDS1, MGC118859, MGC118861, SmgGDS
Gene Description	RAP1, GTP-GDP dissociation stimulator 1
Omim ID	179502
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	-

Publication Reference

- [SmgGDS as a Crucial Mediator of the Inhibitory Effects of Statins on Cardiac Hypertrophy and Fibrosis: Novel Mechanism of the Pleiotropic Effects of Statins.](#)

Kudo S, Satoh K, Nogi M, Suzuki K, Sunamura S, Omura J, Kikuchi N, Kurosawa R, Satoh T, Minami T, Ikeda S, Miyata S, Shimokawa H.

Hypertension 2016 May; 67(5):878.

Application: Treated, Recombinant protein