

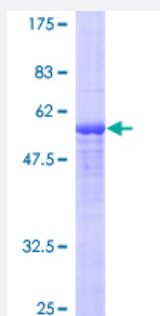
Full-Length

RASD1 (Human) Recombinant Protein (P01)

Catalog # H00051655-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RASD1 full-length ORF (AAH18041, 1 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MKLAAMIKKMCPDSELSIPAKNCYRMVILGSSKVGKTAIVSRFLTGRFKDAYTPTIEDFHRKFYSIR
GEVYQLDILDTSGNHPFPAMRRLSILTGDVFILVFSLDNRDSFEEVQRLRQQILDTKSLKNKTKEN
VDVPLVICGNKGDRDFYREVDQREIEQLVGDDPQRCAYFEISAKKNSSLDQMFRALFAMAKLPS
EMSPDLHRKVSQYCDVLHKKALRNKKLLRAGSGGGGGDPGDAFGVAPFARRPSVHSDLMYIR
EKASAGSQAKDKERCVIS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

56.65

Interspecies Antigen Sequence

Mouse (97); Rat (97)

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 — RASD1

Entrez GeneID[51655](#)**GeneBank Accession#**[BC018041](#)**Protein Accession#**[AAH18041](#)**Gene Name**

RASD1

Gene Alias

AGS1, DEXRAS1, MGC:26290

Gene Description

RAS, dexamethasone-induced 1

Omim ID[605550](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a Ras-related protein that is stimulated by dexamethasone. The exact function of this gene is unknown, but it may play a role in dexamethasone-induced alterations in cell morphology, growth and cell-extracellular matrix interactions. In addition, studies of a similar rat protein suggest that it functions as a novel physiologic nitric oxide (NO) effector. The gene product belongs to the Ras superfamily of small GTPases. [provided by RefSeq]

Other Designations

activator of G protein signaling|dexamethasone-induced ras-related protein 1|ras-related protein