

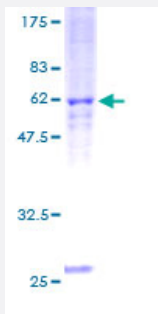
Full-Length

RASD2 (Human) Recombinant Protein (P01)

Catalog # H00023551-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RASD2 full-length ORF (AAH13419, 1 a.a. - 266 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MMKTLSSGNCTLSVPAKNSYRMVVLGASRVGKSSIGSRFLNGRFEDQYTP TIEDFHRKVYNIRGD
MYQLDILDTSGNHPFPAMRRLSILTGDVFLVFSLDNRESFDEVKRLKQILEVKSC LKNKTKEAAE
LPMVICGNKNDHGELCRQVPTTEAELLVSGDENCA YFEVS AKKNTNVDEMFYVLF SMAKLPHEM
SPALHRKISVQYGDAFHPRPFCMRRVKEMDAYGMVSPFARRPSVNSDLKYIKAKVLREGQARER
DKCTIQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

55

Interspecies Antigen Sequence

Mouse (95); Rat (95)

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 — RASD2

Entrez GeneID[23551](#)**GeneBank Accession#**[BC013419](#)**Protein Accession#**[AAH13419](#)**Gene Name**

RASD2

Gene Alias

MGC:4834, Rhes, TEM2

Gene Description

RASD family, member 2

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene encodes a Ras-related protein that enriched in striatum. The product of this gene binds to GTP and possesses intrinsic GTPase activity. The gene belongs to the Ras superfamily of small GTPases. The exact function of this gene is unknown, but most striatum-specific mRNAs characterized to date encode components of signal transduction cascades. [provided by RefSeq]

Other Designations

GTP-binding protein Rhes|Ras homolog enriched in striatum|tumor endothelial marker 2

Publication Reference

- [Ontogeny and dopaminergic regulation in brain of Ras homolog enriched in striatum \(Rhes\).](#)

Harrison LM, Lahoste GJ, Ruskin DN.

Brain Research 2008 Oct; 1245:16.

Application: WB, Recombinant protein

Disease

- [Attention](#)
- [Genetic Predisposition to Disease](#)
- [Neuropsychological Tests](#)
- [Problem Solving](#)
- [Schizophrenia](#)