

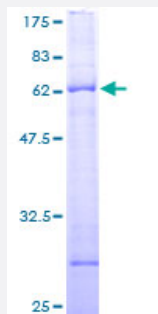
Full-Length

RICS (Human) Recombinant Protein (P01)

Catalog # H00009743-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RICS full-length ORF (AAH00277, 1 a.a. - 322 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPPKVLSTWWRGKHGFQVGLFPGHCVELINQKVPQSVTNSVPKPVSKKHGKLITFLRTFMKSRP
TKQKLKQRGILKERVFGCDLGEHLLNSGFVPPQVLQSCAFIERYGMDGYRLSGVASNIQRLRHE
FDSEHVPDLTKEPYVQDIHSGSLCKLYFRELPNPLTYQLYEKFSDAVSAATDEERLIKIHDIQQ
LPPPHYRTLFLMRHLSLLADYCSITNMHAKNLAWAPNLLRSKQIESACFSGTAAAFMEVRIQSVV
VEFILNHVDVLLPHFSARTELVPFPLRLLRKQFTPPLLGPMSPLNPLVQITVCISI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.16

Interspecies Antigen Sequence

Mouse (100)

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 — RICS

Entrez GeneID[9743](#)**GeneBank Accession#**[BC000277](#)**Protein Accession#**[AAH00277](#)**Gene Name**

RICS

Gene Alias

GC-GAP, GRIT, KIAA0712, MGC1892, p200RhoGAP, p250GAP

Gene Description

Rho GTPase-activating protein

Omim ID[608541](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

RICS is a neuron-associated GTPase-activating protein that may regulate dendritic spine morphology and strength by modulating Rho GTPase (see RHOA; MIM 165390) activity (Okabe et al., 2003 [PubMed 12531901]).[supplied by OMIM]

Other Designations

GAB-associated CDC42|RhoGAP involved in the -catenin-N-cadherin and NMDA receptor signaling|brain-specific Rho GTP-ase-activating protein|rac GTPase activating protein

Disease

- [Disease Progression](#)

- [Disease Susceptibility](#)
- [HIV Infections](#)