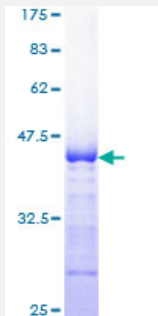


RASA3 (Human) Recombinant Protein (Q01)

Catalog # H00022821-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RASA3 partial ORF (AAH47242, 725 a.a. - 834 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DGDRETERIYSLFNLYMSKLEKMQEACGSKSVYDGPEQEEYSTFVIDDPQETKTLKQVIAGVGAL EQEHAQYKRDKFKKTKYGSQEHPIGDKSFQNYIRQQSETSTHSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.73
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 — RASA3

Entrez GeneID [22821](#)

GeneBank Accession# [BC047242](#)

Protein Accession# [AAH47242](#)

Gene Name RASA3

Gene Alias GAP1IP4BP, GAPIII, MGC46517, MGC47588

Gene Description RAS p21 protein activator 3

Omim ID [605182](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. The gene product stimulates the GTPase activity of normal RAS p21 but not its oncogenic counterpart. Acting as a suppressor of RAS function, the protein enhances the weak intrinsic GTPase activity of RAS proteins resulting in the inactive GDP-bound form of RAS, thereby allowing control of cellular proliferation and differentiation. This family member is an inositol 1,3,4,5-tetrakisphosphate-binding protein, like the closely related RAS p21 protein activator 2. The two family members have distinct pleckstrin-homology domains, with this particular member having a domain consistent with its localization to the plasma membrane. [provided by RefSeq]

Other Designations GTPase activating protein III|Ins(1,3,4,5)P4-binding protein|inositol 1,3,4,5-tetrakisphosphate-binding protein