

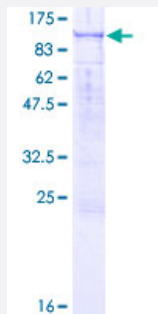
Full-Length

RASAL1 (Human) Recombinant Protein (P01)

Catalog # H00008437-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RASAL1 full-length ORF (AAH14420.1, 1 a.a. - 776 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAKSSSLNVRVVEGRALPAKDVS GSSDPYCLVKVDDEVVARTATVWRS LGPFWGEEYTVHLPL
DFHQLAFYVLDEDTVGHDDIIGKISLSREAITADPRGIDSWINLSRVPDAEVQGEICLSVQMLEDG
QGRCLRCHVLQARDLAPRDISGTSDFARVFWGSQSLETSTIKKTRFPHWDEVLELREMPGAPS
PLRVELWDWDMVGKNDFLGMVEFSPKTLQKPPKGWFRLLPFPRAEEDSGGNLGALRVKVR LI
EDRVLP SQCYQPLMELLMESVQGPAEEDTASPLALLEELTLGDCRQDLATKLVKFLGRGLAGH
FLDYLTRREVARTMDPNTLFRSNSLASKSMEQFMKLVGMPYLHEVLKPVISRVFEEKKYMELDPC
KMDLGRTRRISFKGALSEEQMRETS LGLLTGYLGPVDAVGSVGRCPPAMRLAFKQLHRRVEER
FPQAEHQDVKYLAISGFLFLRFFAPAILTPKLFDLRDQHADPQTSRSLLLAKAVQSIGNLGQQLG
QGKELWMAPLHPFLLQCVRVRDFLDRLVDVDGDEAGV PARALFPPS AMREGYLLKRKEEPAG
LATRFAFKKRYVWLSGETLSFSKSP EWQVVTQDGTGALHTTYLQCKNVNELNQWLSALRKASAP
NPNKLAACHPGA FR SARWTCCLQAERSAAGCSRTHSAVTLGDWSDPLDPDAEAQTVYRQ LLLG
RDQLRLKLLED SNMDTTLEADTGACPEVLARQRAATARLLEVLADLDRAHEEFQQQERGKAALG
PLGP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.2

Interspecies Antigen Sequence

Mouse (83); Rat (83)

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 — RASAL1

Entrez GeneID	8437
GeneBank Accession#	BC014420.1
Protein Accession#	AAH14420.1
Gene Name	RASAL1
Gene Alias	RASAL
Gene Description	RAS protein activator like 1 (GAP1 like)
Omim ID	604118
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is member of the GAP1 family of GTPase-activating proteins. These proteins stimulate 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 particular family member contains domains which are characteristic of the GAP1 subfamily of RasGAP proteins but, in contrast to the other GAP1 family members, this protein is strongly and selectively expressed in endocrine tissues. [provided by RefSeq]

Other Designations

GAP1 like protein|RAS protein activator like 1|RAS-GTPase-activating protein-like