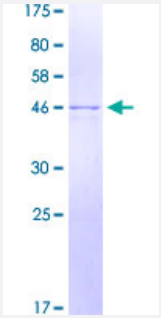
Full-Length

RALA (Human) Recombinant Protein (P01)

Catalog # H00005898-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RALA full-length ORF (AAH39858.1, 1 a.a. - 206 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAANKPKGQNSLALHKVIMVGSGGVGKSALTLQFMYDEFVEDYEPTKADSYRKKVVLDGEEVQI DILDTAGQEDYAAIRDNYFRSGEGFLCVFSITEMESFAATADFREQILRVKEDENVPFLLVGNKSD LEDKRQVSVEEAKNRAEQWNVNYVETSAKTRANVDKVFFDLMREIRARKMEDSKEKNGKKKRK SLAKRIRERCCIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — RALA

Entrez GeneID	5898
GeneBank Accession#	NM_005402.2
Protein Accession#	AAH39858.1
Gene Name	RALA
Gene Alias	MGC48949, RAL
Gene Description	v-ral simian leukemia viral oncogene homolog A (ras related)
Omim ID	179550
Gene Ontology	Hyperlink
Gene Summary	The product of this gene belongs to the small GTPase superfamily, Ras family of proteins. GTP-binding proteins mediate the transmembrane signaling initiated by the occupancy of certain cell surface receptors. This gene encodes a low molecular mass ras-like GTP-binding protein that shares about 50% similarity with other ras proteins. [provided by RefSeq
Other Designations	RAS-like protein A|Ras family small GTP binding protein RALA|Ras-related protein Ral-A|ras related v-ral simian leukemia viral oncogene homolog A

Pathway

- Pancreatic cancer

- Pathways in cancer

Disease

- Tobacco Use Disorder