

Full-Length

RAB2 (Human) Recombinant Protein (P01)

Catalog # H00005862-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RAB2 full-length ORF (AAH08929, 1 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAYAYLFKYIIIGDTGVGKSCLLLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKLQWDTAGQESFR SITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLIGNKSDLESRRREVKKEEGE AFAREHGLIFMETSAKTASNVEEAFINTAKEIYEKIQEGVFDINNEANGIKIGPQHAATNATHAGNQG GQQAGGGCC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.06
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 — RAB2A

Entrez GeneID [5862](#)

GeneBank Accession# [BC008929](#)

Protein Accession# [AAH08929](#)

Gene Name RAB2A

Gene Alias RAB2

Gene Description RAB2A, member RAS oncogene family

Omim ID [179509](#)

Gene Ontology [Hyperlink](#)

Gene Summary Members of the Rab protein family are nontransforming monomeric GTP-binding proteins of the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Rab proteins are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking. The mammalian RAB proteins show striking similarities to the *S. cerevisiae* YPT1 and SEC4 proteins, Ras-related GTP-binding proteins involved in the regulation of secretion.[supplied by OMIM]

Other Designations RAB2, member RAS oncogene family|small GTP binding protein RAB2A

Disease

- [Disease Progression](#)

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