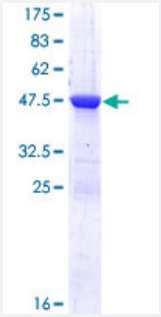
Full-Length

RAB2A (Human) Recombinant Protein (P02)

Catalog # H00005862-P02 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RAB2A full-length ORF (NP_002856.1, 1 a.a. - 212 a.a.) recombinant protein with GST tag at N-terminal.
Sequence	MAYAYLFKYIIIGDTGVGKSCLLLQFTDKRFQPVHDLTIGVEFGARMITIDGKQIKLQIWDTAGQESFR SITRSYYRGAAGALLVYDITRRDTFNHLTTWLEDARQHSNSNMVIMLIGNKSDLESRREVKKEEGE AFAREHGLIFMETSAKTASNVEEAFINTAKEIYEKIQEGVFDINNEANGIKIGPQHAATNATHAGNQG GQQAGGGCC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	49.9
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#	NM_002865.1
Protein Accession#	NP_002856.1
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 R as superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Ra bs are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking. The ma mmalian RAB proteins show striking similarities to the S. cerevisiae YPT1 and SEC4 proteins, R as-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