

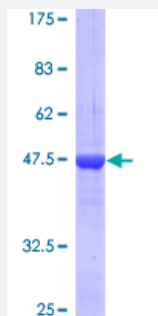
Full-Length

RAB1A (Human) Recombinant Protein (P01)

Catalog # H00005861-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RAB1A full-length ORF (AAH00905, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSMNPEYDYLFKLLIGDSGVGKSCLLRFADDTYTESYSTIGVDFKIRTIELDGKTIKLQWDTAG
QERFRITITSSYYRGAHGIVVYDVTQESFNQVQWLQEIDRYASENVNKLVLGNKCDLTTKKVVDY
TTAKEFADSLGIPFLETSAKNATNVEQSFMTMAAEIKRMGPGATAGGAEKSNVKIQSTPVKQSG
GGCC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

48.29

Interspecies Antigen Sequence

Mouse (100); Rat (100)

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 — RAB1A

Entrez GeneID [5861](#)**GeneBank Accession#** [BC000905](#)**Protein Accession#** [AAH00905](#)**Gene Name** RAB1A**Gene Alias** DKFZp564B163, RAB1, YPT1**Gene Description** RAB1A, member RAS oncogene family**Omim ID** [179508](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a member of the Ras superfamily of GTPases. Members of the gene family cycle between inactive GDP-bound and active GTP-bound forms. This small GTPase controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Multiple alternatively spliced transcript variants have been identified for this gene which encode different protein isoforms. [provided by RefSeq]

Other Designations GTP binding protein Rab1a|RAB1, member RAS oncogene family|Rab GTPase YPT1 homolog