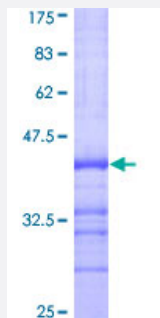


RAP1B (Human) Recombinant Protein (Q01)

Catalog # H00005908-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RAP1B partial ORF (AAH00176, 85 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TAQSTFNDLQDLREQILRVKDTDDVPMLVGNKCDLEDERVVGKEQGQNLARQWNNCAFLESSA KSKINVNEIFYDLVRQINRKTPVPGKARKKSSCQLL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
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 — RAP1B

Entrez GeneID	5908
GeneBank Accession#	BC000176
Protein Accession#	AAH00176
Gene Name	RAP1B
Gene Alias	DKFZp586H0723, K-REV, RAL1B
Gene Description	RAP1B, member of RAS oncogene family
Omim ID	179530
Gene Ontology	Hyperlink
Gene Summary	RAP1B and RAP1A (MIM 179520) belong to a superfamily of RAS (see MIM 190020)-like small GTP-binding proteins involved in cell signaling.[supplied by OMIM]
Other Designations	OTTHUMP00000165026 RAS-related protein RAP1B Ras family small GTP binding protein RAP1B small GTP binding protein

Pathway

- [Chemokine signaling pathway](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Long-term potentiation](#)

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)
- [Renal cell carcinoma](#)

Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Thyroid Neoplasms](#)