Full-Length
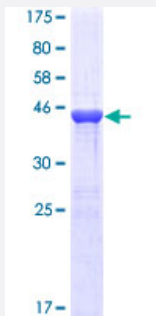
RAP2B (Human) Recombinant Protein (P01)

Catalog #   H00005912-P01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human RAP2B full-length ORF (AAH12362, 1 a.a. - 183 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MREYKVVVLGSGGVGKSALTVQFVTGSFIEKYDPTIEDFYRKEIEVDSSPSVLEILDTAGTEQFAS MRDLYIKNGQGFILVYSLVNQQSFQDIKPMRDQIIRVKRYERVPMILVGNKVDLEGEREVSYGEGKA LAEEWSCPFMETSAKNKASVDELFAEIVRQMNYAAQPNGDEGCCSACVIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.87
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 — RAP2B

Entrez GeneID	5912
GeneBank Accession#	BC012362
Protein Accession#	AAH12362
Gene Name	RAP2B
Gene Alias	MGC20484
Gene Description	RAP2B, member of RAS oncogene family
Omim ID	179541
Gene Ontology	Hyperlink
Gene Summary	This intronless gene belongs to a family of RAS-related genes. The proteins encoded by these genes share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Evidence suggests that this protein may be polyisoprenylated and palmitoylated. [provided by RefSeq
Other Designations	Ras family small GTP binding protein RAP2B|Ras-related protein RAP-2B|small GTP binding protein

Disease

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- [Diabetes Mellitus](#)

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