

Ras-related protein Rab-8A Recombinant Protein | RAB8A recombinant protein

Recombinant Human Ras-related protein Rab-8A

CATALOG #
AAA81629

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

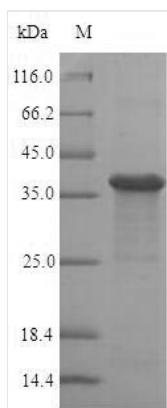
PRODUCT SYNONYMS

Ras-related protein Rab-8A; Recombinant Human Ras-related protein Rab-8A; Oncogene c-mel; RAB8A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	3-193aa; Partial
Sequence	KTYDYLFKLL LIGDSGVGKT CVLFRFSEDA FNSTFISTIG IDFKIRTIEL DGKRIKLQIW DTAGQERFRT ITTAYYRGAM GIMLVYDITN EKSFNIRNW IRNIEEHASA DVEKMILGNK CDVNDKRQVS KERGEKLALD YGIKFMETSA KANINVENAF FTLARDIKAK MDKKLEGNSP QGSNQGVKIT P
Sequence Length	193
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RAB8A recombinant protein

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. That Rab is involved in polarized vesicular trafficking and neurotransmitter release. Together with RAB11A, RAB3IP, the exocyst complex, PARD3, PRKCI, ANXA2, CDC42 and DNMBP promotes transcytosis of PODXL to the apical membrane initiation sites (AMIS), apical surface formation and lumenogenesis. Together with MYO5B and RAB11A participates in epithelial cell polarization. Plays an important role in ciliogenesis. Together with MICALL2, may also regulate adherens junction assembly. May play a role in insulin-induced transport to the plasma membrane of the glucose transporter GLUT4 and therefore play a role in glucose homeostasis.

Product Categories/Family for RAB8A recombinant protein	Transport
References	A small rab GTPase is distributed in cytoplasmic vesicles in non polarized cells but colocalizes with the tight junction marker ZO-1 in polarized epithelial cells.Zahraoui A., Joberty G., Arpin M., Fontaine J.J., Hellio R., Tavitian A., Louvard D.J. Cell Biol. 124:101-115(1994)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933567
NCBI GeneID	4218
NCBI Accession #	NP_005361.2
NCBI GenBank Nucleotide #	NM_005370.4
UniProt Accession #	P61006; P24407; Q6FHV5; B4DEK7
Molecular Weight	37.8 kDa
NCBI Official Full Name	ras-related protein Rab-8A
NCBI Official Synonym Full Names	RAB8A, member RAS oncogene family
NCBI Official Symbol	RAB8A
NCBI Official Synonym Symbols	MEL; RAB8
NCBI Protein Information	ras-related protein Rab-8A
UniProt Protein Name	Ras-related protein Rab-8A
UniProt Gene Name	RAB8A
UniProt Synonym Gene Names	MEL; RAB8
UniProt Entry Name	RAB8A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/rab8a-recombinant-protein-e-coli/81629>