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

Recombinant Human Ras-related protein Rab-8A (RAB8A)

CATALOG #	HOST
AAA113596	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Ras-related protein Rab-8A (RAB8A); Recombinant Human Ras-related protein Rab-8A (RAB8A); 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	1-204, Full length protein
Sequence	MAKTYDYLFK LLLIGDSGVG KTCVLFRFSE DAFNSTFIST IGIDFKIRTI ELDGKRIKLQ IWDTAGQERF RTITTAYYRG AMGIMLVYDI TNEKSFDNIR NWIRNIEEHA SADVEKMILG NKCDVNDKRQ VSKERGEKLA LDYGIKFMET SAKANINVEN AFFTLARDIK AKMDKKLEGN SPQGSNQGVK ITPDQQKRSS FFRC
Sequence Length	204
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for RAB8A recombinant protein	This protein is a member of the RAS superfamily which are small GTP GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB YPT family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1.

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	23,564 Da

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

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://stage.aaabiotech.com/rab8a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113596