

RAB7A recombinant protein

Recombinant Human RAB7A, Member RAS Oncogene Family

CATALOG # AAA38952	HOST E Coli
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PRODUCT SYNONYMS

RAB7A; Recombinant Human RAB7A; Member RAS Oncogene Family; RAB7A Human; Member RAS Oncogene Family Human Recombinant; RAB7A member RAS oncogene family; RAB7; ras-related protein Rab-7a; FLJ20819; PSN; CMT2B; PRO2706; RAB7A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The RAB7A protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT, 100mM NaCl and 30% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMTS RKKVLLKVII LGDSGVGKTS LMNQYVNKKF SNQYKATIGA DFLTKEVMVD DRLVTMQIWD TAGQERFQSL GVAFYRGADC CVLVFDVTAP NTFKTLDSWR DEFILQASPR DPENFPFVVL GNKIDLENRQ VATKRAQAWC YSKNNIPYFE TSAKEAINVE QAFQTIARNA LKQETEVERLY NEFPEPIKLD KNDRAKASAE SCSC
Sequence Length	207
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RAB7A recombinant protein	Description: RAB7A produced in E Coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-207a.a.) and having a molecular mass of 25.6kDa.RAB7A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: RAB7A belongs to the Ras superfamily of small Rab GTPases. RAB7A connects with the RIPL effector protein to regulator membrane trafficking from early to late endosome and to lysosomes. RAB7A can also regulate growth receptor endocytic trafficking, degradation, maturation of phagosome and autophagic vacuoles.
Product Categories/Family for RAB7A recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Member RAS Oncogene Family

NCBI AND UNIPROT INFORMATION

NCBI GI #	34147513
NCBI GeneID	7879
NCBI Accession #	NP_004628.4
NCBI GenBank Nucleotide #	NM_004637.5
UniProt Accession #	P51149 ; Q9NWJ0 ; Q9UPB0 ; A8K3V6
Molecular Weight	23,490 Da

NCBI Official Full Name	ras-related protein Rab-7a
NCBI Official Synonym Full Names	RAB7A, member RAS oncogene family
NCBI Official Symbol	RAB7A
NCBI Official Synonym Symbols	RAB7; PRO2706
NCBI Protein Information	ras-related protein Rab-7a; RAB7, member RAS oncogene family; Ras-associated protein RAB7
UniProt Protein Name	Ras-related protein Rab-7a
UniProt Gene Name	RAB7A
UniProt Synonym Gene Names	RAB7
UniProt Entry Name	RAB7A_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://stage.aaabiotech.com/rab7a-recombinant-protein-e-coli/38952>