

RAB7A recombinant protein

RAB7A, 1-207aa, Human, His tag, E Coli

CATALOG # AAA48674	HOST E Coli	APPLICATIONS SDS-Page
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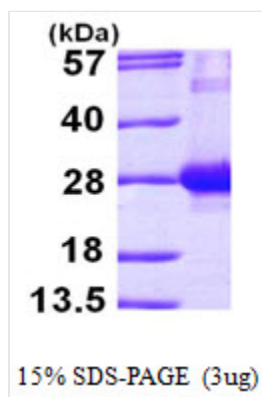
PRODUCT SYNONYMS

RAB7A; 1-207aa; Human; His tag; E Coli; Ras-related protein Rab-7a; RAB7; RAB7A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 100mM NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MTSRKKVLLK VIILGDSGVG KTSLMNQYVN KKFSNQYKAT IGADFLTKEV MVDDRLVTMQ IWDTAGQERF QSLGVAFYRG ADCCVLVFDV TAPNTFKTLD SWRDEFILQA SPRDPENFPF VVLGNKIDLE NRQVATKRAQ AWCYSKNNIP YFETSAKEAI NVEQAFQTIA RNALKQETEV ELYNEFPEPI KLDKNDRKA SAESCSC
Sequence Length	207
Applicable Applications for RAB7A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RAB7A recombinant protein	Ras-related protein Rab-7a, also known as RAB7A, is a member of the Ras superfamily of small Rab GTPases. RAB7A associates with the RIPL effector protein to control membrane trafficking from early to late endosome and to lysosomes. RAB7A has also been shown to regulate growth receptor endocytic trafficking, degradation, maturation of phagosome and autophagic vacuoles. Recombinant human RAB7A protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for RAB7A recombinant protein	Signal Transduction
References	Feng Y., et al. (1995) J Cell Biol. 131:1435-52.; Barbero P., et al. (2002) J Cell Biol. 156:511-8.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	34147513
NCBI GeneID	7879
NCBI Accession #	NP_004628
NCBI GenBank Nucleotide #	NM_004637.5
UniProt Accession #	P51149; Q9NWX0; Q9UPB0; A8K3V6
Molecular Weight	25.6 kDa (227aa), confirmed by MALDI-TOF
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
UniProt Protein Name	Ras-related protein Rab-7a
UniProt Gene Name	RAB7A
UniProt Synonym Gene Names	RAB7

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rab7a-recombinant-protein-e-coli-sds-page/48674>