

Recombinant Human RAB27B, Member RAS Oncogene Family, His-tagged

Cat. No. RAB27B-3395H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB27B protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 26.7 kDa (238aa).
Species	Human
Source	E.coli
ProteinLength	1-218 aa
Description	RAB27B belongs to the RAB family and is a critical regulator of vesicular transport. This protein is expressed in pituitary tissue, but is more significantly expressed in brain and spleen. RAB27B may be functionally redundant to Rab27a, as it can rescue Rab27a mutants.
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 1mM DTT, 10% glycerol.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MTDGDYDYLI KLLALGDSGV GKTTFLYRYT DNKFNPKEIT TVGIDFREKR VVYNAQGPNG SSGKAFKVHL QLWDTAGQER

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FRSLTTAFFR DAMGFLLMFD LTSQQSFLNV RNWMSQLQAN AYCENPDIVL
IGNKADLPDQ REVNERQARE LADKYGIPYF ETSAAATGQNV EKAVETLLDL
IMKRMEQCVE KTQIPDTVNG GNSGNLDGEK PPEKKCIC.

Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

RAB27B RAB27B, member RAS oncogene family [Homo sapiens]

Synonyms

RAB27B, member RAS oncogene family; RAB27B;ras-related protein Rab-27B; C25KG

Gene ID

5874

mRNA Refseq

NM_004163

Protein Refseq

NP_004154

MIM

603869

UniProt ID

O00194

**Chromosome
Location**

18q21.2

Function

GTP binding; GTPase activity; nucleotide binding

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