

Recombinant Human RAB3B, His-tagged

Cat. No. RAB3B-3589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB3B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques (1-219 aa).
Species	Human
Source	E.coli
Description	RAB3B, member of RAS oncogene family, is a highly homologous monomeric GTPase that may play a role in endocytosis and biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2mM DTT, 0.1M NaCl.
Molecular Weight	26.9 kDa (239aa), confirmed by MALDI-TOF
Purity	> 85 % by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MASVTDGKTG VKDASDQNFY YMFKLLIIGN SSVGKTSFLF RYADDTFTPA FVSTVGIDFK VKTVYRHEKR VKLQIWDTAG QERYRTITTA YYRGAMGFIL MYDITNEESF NAVQDWATQI KTYSWDNAQV

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ILVGNKCDME EERVVPTEKG QLLAEQLGFD FFEASAKENI SVRQAFERLV
DAICDKMSDS LDTDPSMLGS SKNTRLSDTP PLLQQNCSC

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

RAB3B RAB3B, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB3B

Synonyms

RAB3B; RAB3B, member RAS oncogene family; brain antigen RAB3B; ras-related protein Rab-3B; RAB3B, member RAS oncogene family

Gene ID

5865

mRNA Refseq

NM_002867

Protein Refseq

NP_002858

MIM

179510

UniProt ID

P20337

**Chromosome
Location**

1p32-p31

Function

GTP binding; GTPase activity; nucleotide binding; protein binding

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