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 VKDASDQNFD 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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