Recombinant Human RAB31, Member RAS Oncogene Family, His-tagged

Cat. No. RAB31-5595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanRAB31 protein, fused to His-tag at N-terminus, was expressed in E.coli andpurified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	RAB31, also known asRAB22B, is a 194 amino lipid-anchored protein that localizes to thecytoplasmic side of the cell membrane and belongs to the Rasrelated GTPasesuperfamily. Expressed at high levels in lung, brain and heart, RAB31 mayfunction in a similar manner to other Rab proteins, namely playing a role inprotein transport.
Form	Liquid. In 20mMTris-HCl buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol.
Molecular Weight	25.9 kDa (232aa)
Purity	> 90% by SDS -PAGE.
Concentration	0.5mg/ml (determinedby Bradford assay).
Sequences of aminoacids	MRGSHHHHHHGMASMTGGQQ MGRDLYDDDD KDRWGSHMMA IRELKVCLLG DTGVGKSSIV CRFVQDHFDH NISPTIGASFMTKTVPCGNE LHKFLIWDTA GQERFHSLAP MYYRGSAAAV IVYDITKQDS FYTLKKWVKE

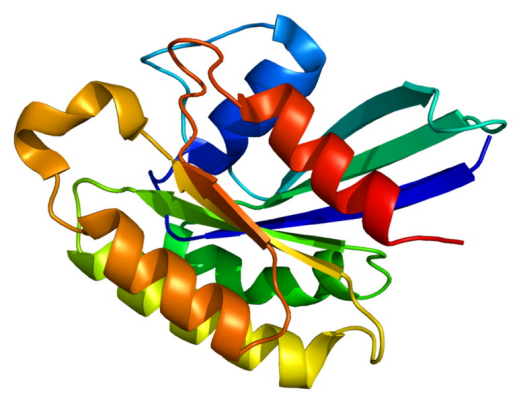
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	LKEHGPENIVMAIAGNKCDL SDIREVPLKD AKEYAESIGA IVVETSAKNA INIEELFQGI SRQIPPLDPH ENGNNGTIKVEKPTMQASRR CC
Storage	Can be stored at+4°C short term (1-2 weeks). For long term storage, aliquot and store at-20°C or -70°C. Avoid repeated freezing and thawing cycles.
OfficialSymbol	RAB31

GENE INFORMATION

Gene Name	RAB31 RAB31, member RASoncogene family [Homo sapiens]
Synonyms	RAB31; RAB31, memberRAS oncogene family; Rab22B; ras-related protein Rab-31; ras-related proteinRab-22B; Rab-22B; RAB22B
Gene ID	11031
mRNA Refseq	NM_006868
Protein Refseq	NP_006859
MIM	605694
UniProt ID	Q13636
Chromosome Location	18p11.3
Pathway	Endocytosis
Function	GTP binding; GTPaseactivity; nucleotide binding

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