

Recombinant Human RAB31, His-tagged

Cat. No. RAB31-15858H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB31 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-195aa
Description	RAB31, also known as RAB22B, is a 194 amino lipid-anchored protein that localizes to the cytoplasmic side of the cell membrane and belongs to the Rasrelated GTPase superfamily. Expressed at high levels in lung, brain and heart, RAB31 may function in a similar manner to other Rab proteins, namely playing a role in protein transport.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 30% glycerol
Molecular Mass	25.9 kDa (232aa), confirmed by MALDI-TOF
AA Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMMA IRELKVCLLG DTGVGKSSIV CRFVQDHFHDH NISPTIGASF MTKTVPCGNE LHKFLIWDTA GQERFHSLAP MYYRGSAAAV IVYDITKQDS FYTLKKWVKE LKEHGPNIV MAIAGNKCDL SDIREVPLKD AKEYAESIGAIVVETSAKNA INIEELFQGI SRQIPPLDPH ENGNGTIKV EKPTMQASRR CC
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	RAB31 RAB31, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB31
Synonyms	RAB31; RAB31, member RAS oncogene family; ras-related protein Rab-31; Rab22B; ras-related protein Rab-22B;
Gene ID	11031
mRNA Refseq	NM_006868
Protein Refseq	NP_006859
MIM	605694
UniProt ID	Q13636
Chromosome Location	18p11.3
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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