

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 CRFVQDHFHDH NISPTIGASFMTKTVPCGNE LHKFLIWDTA GQERFHSLAP MYYRGSAAAV IVYDITKQDS FYTLKKWVKE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

Official Symbol

RAB31

GENE INFORMATION

Gene Name

[RAB31](#) RAB31, member RAS oncogene family [Homo sapiens]

Synonyms

RAB31; RAB31, member RAS oncogene family; Rab22B; ras-related protein Rab-31; ras-related protein Rab-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; GTPase activity; nucleotide binding

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering
based on 2fg5.

