

Recombinant Human RAB34, Member RAS Oncogene Family, His-tagged

Cat. No. RAB34-1291H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	Human
Description	RAB34, also known as ras-related protein Rab34, is localized to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. This protein is involved in protein transport, specifically the redistribution of lysosomes to the peri-Golgi region. In fibroblasts, this protein was colocalized with actin to the membrane ruffles and membranes of relatively large vesicles adjacent to the ruffles.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol 0.1M NaCl,1mM DTT
Molecular Weight	31.2 kDa (279aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MNILAPVRRD RVLAE LPQCL RKEAALHG HK DFHPRVTCAC QEHR TGTVGF KISKVIVVD LSVGKTCLIN RFCKDTFDKN

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YKATIGVDFE MERFEVLGIP FSLQLWDTAG QERFKCIAST YYRGAQAIII
 VFNLNDVASL EHTKQWLADA LKENDPSSVL LFLVGSKKDL STPAQYALME
 KDALQVAQEM KAEYWAVSSL TGENVREFFF RVAALTFEAN VLAELEKSGA
 RRIGDVVRIN SDDSNLYLTA SKKKPTCCP

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

RAB34 RAB34, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB34

Synonyms

RAB34; RAB34, member RAS oncogene family; Ras-related protein Rab-39; RAH; RAB39; Ras-related protein Rah; OTTHUMP00000163525

Gene ID

83871

mRNA Refseq

NM_031934

Protein Refseq

NP_114140

MIM

610917

UniProt ID

Q9BZG1

**Chromosome
Location**

17q11.2

Function

GTP binding; GTPase activity; nucleotide binding; guanyl nucleotide binding

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