

Recombinant Human RAB24, Member RAS Oncogene Family, His-tagged

Cat. No. RAB24-2496H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB24 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 25.7 kDa.
Species	Human
Source	E.coli
ProteinLength	1-203aa
Description	RAB24 belongs to the small GTPase superfamily. Members of the Rab GTPase family regulate intracellular protein trafficking, but the specific function of RAB24 remains unknown. RAB24 is distributed in the endoplasmic reticulum/cis-Golgi region and on late endosomal structures, and this subcellular distribution pattern of RAB24 may indicate its involvement in autophagy-related processes.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 100mM NaCl, 1mM EDTA.
Molecular Mass	25.7 kDa (227aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSGQRV DVKVVMLGKE YVGKTSLVER YVHDRFLVGP YQNTIGAAFV AKVMSVGDRT VTLGIWDTAG SERYEAMSRI YYRGAKAAIV CYDLTDSSSF ERAKFWVKEL RSLEEGCQIY LCGTKSDLLE

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EDRRRRRVDF HDVQDYADNI KAQLFETSSK TGQSVDELFDQ KVAEDYVSVA
AFQVMTEDEKG VDLGQKPNPY FYSCCHH

Purity >90% by SDS - PAGE

Applications SDS-PAGE

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.

Concentration 0.5mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [RAB24](#) [RAB24, member RAS oncogene family \[Homo sapiens \]](#)

Official Symbol [RAB24](#)

Synonyms [RAB24](#); [RAB24, member RAS oncogene family](#); [ras-related protein Rab-24](#);

Gene ID [53917](#)

mRNA Refseq [NM_001031677](#)

Protein Refseq [NP_001026847](#)

MIM [612415](#)

UniProt ID [Q969Q5](#)

Chromosome Location [5q35.3](#)

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Function

GTP binding; nucleotide binding; protein binding;

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