

Recombinant Human RAB35, Member RAS Oncogene Family, His-tagged

Cat. No. RAB35-6869H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB35 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 25.2 kDa.
Species	Human
Source	E.coli
ProteinLength	1-203aa
Description	RAB35 is localized to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. Consistent with a key requirement for Rab35-regulated recycling during cell division, inhibition of Rab35 function leads to the accumulation of endocytic markers on numerous cytoplasmic vacuoles in cells that failed cytokinesis.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT.
Molecular Mass	25.2 kDa (221aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MARDYDHLFK LLIIGDSGVG KSSLLLRFAD NTFSGSYITT IGVDFKIRTV EINGEKVKLQ IWDTAGQERF RTITSTYYRG THGVIVVYDV TSAESFVNVK RWLHEINQNC DDVCRILVGN KNDDPERKVV ETEDAYKFAG QMGIQLFETS AKENVNVEEM FNCITELVLR AKKDNLAQQQ

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	QQQQNDVVKL TKNSKRKKRC C
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	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	RAB35 RAB35, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB35
Synonyms	RAB35; RAB35, member RAS oncogene family; ras-related protein Rab-35; H ray; GTP-binding protein RAY; ras-related protein rab-1c (GTP-binding protein ray); RAY; H-ray; RAB1C;
Gene ID	11021
mRNA Refseq	NM_001167606
Protein Refseq	NP_001161078
MIM	604199
UniProt ID	Q15286

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Chromosome Location	12q24
Function	GTP binding; GTPase activity; nucleotide binding; phosphatidylinositol-4,5-bisphosphate binding;