

Recombinant Human RAB5C, member RAS oncogene family, His-tagged

Cat. No. RAB5C-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB5C, 1-216aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-216 a.a.
Description	Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment. Recombinant human RAB5C protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol
Molecular Mass	25.9 kDa (239aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGRGA ARPNGPAAGN KICQFKLVLL GESAVGKSSL VLRVKGQFH EYQESTIGAA FLTQTVCLDD TTVKFEIWDT AGQERYHSLA PMYYRGAQAA IVVYDITNTD TFARAKNWWK ELQRQASPNI VIALAGNKAD LASKRAVEFQ EAQAYADDNS LLMETS AKT AMNVNEIFMA IAKKLPKNEP QNATGAPGRN RGVDLQENNP ASRSQCCSN

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	RAB5C RAB5C, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB5C
Synonyms	RAB5C; RAB5C, member RAS oncogene family; RABL; ras-related protein Rab-5C; RAB; member of RAS oncogene family like; member of RAS oncogene family; RAB5CL; RAB5C, member of RAS oncogene family; L1880; RAB5L; MGC117217; MGC138857;
Gene ID	5878
mRNA Refseq	NM_001252039
Protein Refseq	NP_001238968
MIM	604037
UniProt ID	P51148
Chromosome Location	17q21.2
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Clathrin

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derived vesicle budding, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

Function

GTP binding; GTPase activity; nucleotide binding;

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