

Recombinant Human RAB22A, Member RAS Oncogene Family, His-tagged

Cat. No. RAB22A-6862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB22A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography. MW: 24.0 kDa.
Species	Human
Source	E.coli
ProteinLength	1-194aa
Description	RAB22A, also known as ras-related protein Rab-22A, is a member of the RAB family of small GTPases. The GTP-bound form of the encoded protein has been shown to interact with early-endosomal antigen 1, and may be involved in the trafficking of and interaction between endosomal compartments.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.1M NaCl.
Molecular Mass	24.0 kDa (214aa), confirmed by MALDI-TOF.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MALRELKVCL LGDTGVGKSS IVWRFVEDSF DPNINPTIGA SFMTKTVQYQ NELHKFLIWD TAGQERFRAL APMYYRGSA AIIVYDITKE ETFSTLKNWV KELRQHGPPI IVVAIAGNKC DLIDVREVME RDAKDYADSI HAIFVETSAK NAININELFI EISRRIPSTD ANLPSGGKGF KLRRQPSEPK RSCC

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Purity	>95% 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	RAB22A RAB22A, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB22A
Synonyms	RAB22A; RAB22A, member RAS oncogene family; ras-related protein Rab-22A; rab-22; GTP-binding protein RAB22A; MGC16770;
Gene ID	57403
mRNA Refseq	NM_020673
Protein Refseq	NP_065724
MIM	612966
UniProt ID	Q9UL26
Chromosome Location	20q13
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;

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Function

GTP binding; GTPase activity; nucleotide binding; protein binding;

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