

# 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

MGSSHHHHH SGLVPRGSH MALRELKVCL LGDTGVGKSS IVWRFVEDSF  
 DPNINPTIGA SFMTKTVQYQ NELHKFLIWD TAGQERFRAL APMYYRGSAA  
 AIIVYDITKE ETFSTLKNWV KELRQHGPNN IVVAIAGNKC DLIDVREVME  
 RDAKDYADSI HAIFVETSAK NAININELFI EISRRIPSTD ANLPSGGKGF  
 KLRRQPSEPK RSCC

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<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	RAB22A RAB22A, member RAS oncogene family [ Homo sapiens ]
<b>Official Symbol</b>	RAB22A
<b>Synonyms</b>	RAB22A; RAB22A, member RAS oncogene family; ras-related protein Rab-22A; rab-22; GTP-binding protein RAB22A; MGC16770;
<b>Gene ID</b>	57403
<b>mRNA Refseq</b>	NM_020673
<b>Protein Refseq</b>	NP_065724
<b>MIM</b>	612966
<b>UniProt ID</b>	Q9UL26
<b>Chromosome Location</b>	20q13
<b>Pathway</b>	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;

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**Function**

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

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