Recombinant Full Length Human RAB6A Protein, His-tagged

Cat. No. RAB6A-3388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB6A protein, fused to His-tag at N-terminus, was expressed in*E.coli*and purified by using conventional chromatography techniques.MW = 26.1 kDa (232aa).
Species	Human
Source	E.coli
ProteinLength	1-208 a.a.
Description	RAB6A belongs to the small GTPase superfamily. It may be involved in protein transport. It is a regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER) and has a low GTPase activity.
Form	Liquid. In 20mM Tris buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.1M NaCl.
Purity	> 90% by SDS - PAGE.
Concentration	1 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MGSHMSTGGD FGNPLRKFKL VFLGEQSVGK TSLITRFMYD SFDNTYQATI GIDFLSKTMY LEDRTIRLQL WDTAGQERFR SLIPSYIRDS AAAVVVYDIT NVNSFQQTTK WIDDVRTERG SDVIIMLVGN KTDLADKRQV SIEEGERKAK ELNVMFIETS AKAGYNVKQL FRRVAAALPG MESTQDRSRE DMIDIKLEKP QEQPVSEGGC SC.

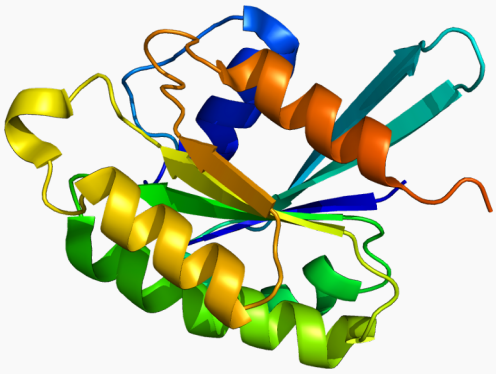
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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	RAB6A RAB6A, member RAS oncogene family [Homo sapiens]
Synonyms	RAB6A; RAB6A, member RAS oncogene family; RAB6; RAB6B; RAB6A''; Ras-related protein Rab-6A; Rab-6; GTP-binding protein RAB6A; GTP-binding protein RAB6B; Oncogene RAB6; Rab GTPase; Rab6A variant 3
Gene ID	5870
mRNA Refseq	NM_002869
Protein Refseq	NP_002860
MIM	179513
UniProt ID	P20340
Chromosome Location	11q13.3
Function	GTP binding; GTPase activity; nucleotide binding; protein binding

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PDB rendering based on 1yzq.	

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