

Recombinant Human RAB2B, Member RAS Oncogene Family, His-tagged

Cat. No. RAB2B-4828H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	RAB2B belongs to the small GTPase superfamily. Members of the Rab protein family are nontransforming monomeric GTP-binding proteins of the Ras superfamily that contain 4 highly conserved regions involved in GTP binding and hydrolysis. Rab proteins are prenylated, membrane-bound proteins involved in vesicular fusion and trafficking.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1mM DTT, 0.15M NaCl.
Molecular Weight	26.8 kDa (240aa), confirmed by MALDI-TOF.
Purity	>95% by SDS-PAGE
Concentration	1 mg/ml (determined by Bradford)
Sequences of amino acids	MGSSHHHHHH SSSLVPRGSH MGSHTYAYL FKYIIIGDTG VGKSCLLLQF TDKRFQPVHD LTIGVEFGAR MVNIDGKQIK LQIWDTAGQE SFRSITRSYY

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RGAAGALLVY DITRRETFNH LTSWLEDARQ HSSSNMVI ML IG NKSDLESR
 RDVKREEGEA FAREHGLIFM ETSAKTACNV EEFINTAKE IYRKIQQLF
 DVHNEANGIK IGPQQSISTS VGPSASQRNS RDIGSNSGCC

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

RAB2B RAB2B, member RAS oncogene family [Homo sapiens]

Official Symbol

RAB2B

Synonyms

RAB2B;RAB2B, member RAS oncogene family; FLJ14824; ras-related protein Rab-2B; OTTHUMP00000195135; RAS family, member RAB2B; GTP-binding protein RAB2B

Gene ID

84932

mRNA Refseq

NM_032846

Protein Refseq

NP_116235

MIM

607466

UniProt ID

Q8WUD1

Chromosome Location

14q11.2

Function

GTP binding;Nucleotide bindingribose-5-phosphate isomerase activity

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PDBrendering based
on 2a5j.

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