

Recombinant Human RAB14, His-tagged

Cat. No. RAB14-3587H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RAB14 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-215aa).
Species	Human
Source	E.coli
Description	RAB14 is a member of the RAB protein family, low molecular mass monomeric GTPases localized on the cytoplasmic surfaces of distinct membrane bound organelles. This protein is thought to be involved in vesicular trafficking and neurotransmitter release throughout the body and is expressed at high levels in brain, lung, kidney, spleen and thymus. It is involved in the biosynthetic/recycling pathway between the Golgi and endosomal compartments.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Molecular Weight	26.3 kDa(238aa), confirmed by MALDI-TOF
Purity	> 90% by SDS - PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MGSMATAPYN YSYIFKYIII GDMGVGKSC LHQTTEKKFM ADCPHTIGVE FGTRIIIEVSG QKIKLQIWD T AGQERFRAVT RSYYRGAAGA LMVYDITRRS TYNHLSSWLT DARNLTNPNT VIILIGNKAD

 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

LEAQRDVTYE EAKQFAEENG LLFLEASAKT GENVEDAFLE AAKKIYQNIQ
DGSLDLNAAE SGVQHKPSAP QGGRLTSEPQ PQREGCGC

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

[RAB14](#) [RAB14, member RAS oncogene family \[Homo sapiens \]](#)

Official Symbol

RAB14

Synonyms

RAB14; FBP; RAB-14; RAB14, member RAS oncogene family; ras-related protein Rab-14; Ras-related protein Rab-14; OTTHUMP00000022008; bA165P4.3 (member RAS oncogene family); OTTHUMP00000022009; F protein-binding protein 1; small GTP binding protein RAB14

Gene ID

[51552](#)

mRNA Refseq

[NM_016322](#)

Protein Refseq

[NP_057406](#)

MIM

[612673](#)

UniProt ID

[P61106](#)

**Chromosome
Location**

9q32-q34.11

Function

GDP binding; GTP binding; GTPase activity; glycoprotein binding; nucleotide binding;

 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

protein binding

PDBrendering based
on 1z0f.



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