Recombinant Human RAB7B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RAB7B-2398H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RAB7B MS Standard C13 and N15-labeled recombinant protein (NP_796377) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Controls vesicular trafficking from endosomes to the trans-Golgi network (TGN). Acts as a negative regulator of TLR9 signaling and can suppress TLR9-triggered TNFA, IL6, and IFNB production in macrophages by promoting TLR9 lysosomal degradation. Also negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. Promotes megakaryocytic differentiation by increasing NF-kappa-B-dependent IL6 production and subsequently enhancing the association of STAT3 with GATA1. Not involved in the regulation of the EGF- and EGFR degradation pathway.
Molecular Mass	22.5 kDa
AA Sequence	MNPRKKVDLKLIIVGAIGVGKTSLLHQYVHKTFYEEYQTTLGASILSKIIILGDTTLKLQI WDTGGQERFRSMVSTFYKGSDGCILAFDVTDLESFEALDIWRGDVLAKIVPMEQSY PMVLLGNKIDLADRKVPQEVAQGWCREKDIPYFEVSAKNDINVVQAFEMLASRALSR YQSILENHLTESIKLSPDQSRSRCCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

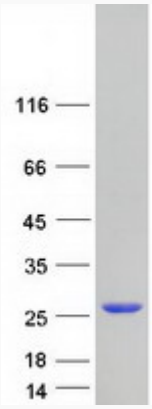
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RAB7B RAB7B, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB7B
Synonyms	RAB7B; RAB7B, member RAS oncogene family; ras-related protein Rab-7b; MGC9726; MGC16212; Ras-related protein Rab-7; RAB7;
Gene ID	338382
mRNA Refseq	NM_177403
Protein Refseq	NP_796377
UniProt ID	Q96AH8

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SDS-PAGE	

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