

Recombinant Human RAB1B Protein (M1-C201), Tag Free

Cat. No. RAB1B-1258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-RAB1B(M1-C201 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-C201
Description	The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different set of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Plays a role in the initial events of the autophagic vacuole development which take place at specialized regions of the endoplasmic reticulum. Regulates vesicular transport between the endoplasmic reticulum and successive Golgi compartments. Promotes the recruitment of lipid phosphatase MTMR6 to the endoplasmic reticulum-Golgi intermediate compartment.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	RAB1B RAB1B, member RAS oncogene family [Homo sapiens (human)]
Official Symbol	RAB1B
Synonyms	RAB1B; RAB1B, member RAS oncogene family; ras-related protein Rab-1B; small GTP-binding protein;
Gene ID	81876
mRNA Refseq	NM_030981
Protein Refseq	NP_112243
MIM	612565
UniProt ID	Q9H0U4

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