

Recombinant Human RABGGTB protein, GST-tagged

Cat. No. RABGGTB-301145H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RABGGTB protein(1-331 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-331 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MGTPQKDVIKSDAPDTLLLEKHADYIASYGSKKDDYEYCMSEYLRMSGIYWGLTVM DLMGQLHRMNREEILAFIKSCQHECGGISASIGHDPHLLYTL SAVQILTLYDSINVIDV NKVVEYVKGLQKEDGSFAGDIWGEIDTRFSFCAVATLALLGKLDAINVEKAIEFVLSC MNFDGGFGCRPGSESHAGQIYCCTGFLAITSQLHQVNSDLLGWWLCERQLPSGGL NGRPEKLPDVCYSWWVLASLKIIGRLHWIDREKL RNFILACQDEETGGFADRP GDM VDPFHTLFGIAGLSLLGEEQIKPVNPVFCMP EEV LQRVNVQPELVS
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name RABGGTB Rab geranylgeranyltransferase, beta subunit [Homo sapiens]

Official Symbol RABGGTB

Synonyms RABGGTB; Rab geranylgeranyltransferase, beta subunit; geranylgeranyl transferase type-2 subunit beta; GGTase-II-beta; rab GGTase beta; rab GG transferase beta; rab geranylgeranyltransferase subunit beta; rab geranyl-geranyltransferase subunit beta; geranylgeranyl transferase type II subunit beta; type II protein geranyl-geranyltransferase subunit beta; GGTB;

Gene ID 5876

mRNA Refseq NM_004582

Protein Refseq NP_004573

MIM 179080

UniProt ID P53611

SDS-PAGE

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