Recombinant Human RABGGTB 293 Cell Lysate

Cat. No. RABGGTB-2572HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for Rab geranylgeranyltransferase, beta subunit (RABGGTB) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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
Chromosome Location	1p31
Pathway	Signaling events mediated by PRL, organism-specific biosystem;

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Function	Rab geranylgeranyltransferase activity; metal ion binding; prenyltransferase activity; protein binding; transferase activity;

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