

Recombinant Human RABGGTA

Cat. No. RABGGTA-28529TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RABGGTA (amino acids 1-567) with N terminal proprietary tag,
Species	Human
Source	Wheat Germ
ProteinLength	567 amino acids
Description	subunit of Rab geranylgeranyl transferase, which catalyses the transfer of geranylgeranyl groups to Rab protein cysteine residues.
Molecular Weight	88.440kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MHGRLKVKTSEEQAEAKRLEREQKLKLYQSATQAVFQKRQ AGELDESVLELTSQIL GANPDFATLWNCRREVLQQLETQK SPEELAALVKAELGFLESCLRVNPKSYGTWH

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HRCWLLGRL PEPNWTRELELCARFLEVDERNFHCWDYRRFVATQAAVPP AEELA
 FTDSLITRNFSSNYSSWHYRSCLLPQLHPQPDSPGQ GRLPEDVLLKELELVQNAFFT
 DPNDQSAWFYHRWLLGRAD PQDALRCLHVSDEACTVVSFSRPLLVGSRMEILL
 MVDD SPLIVEWRTPDGRNRPSHVWLCDLPAASLNDQLPQHTRV IWTAGDVQKE
 CVLLKGRQEGWCRDSTTDEQLFRCELSVEK STVLQSELESCKELQELEPENKWCL
 LTIILLMRALDPLLY EKETLQYFQTLKAVDPMRATYDDLRSKFLENSVLKMEY AEV
 RVLHLAHKDLTVLCHLEQLLLVTHLDLSHNRLRTLPP ALAALRCLEVLQASDNAIESL
 DGVTNLPRLQELLLCNNRL QQPAVLQPLASCPRLVLLNLQGNPLCQAVGILEQLAEL
 LP SVSSVLT

Sequence Belongs to the protein prenyltransferase subunit alpha family. Contains 5 LRR
Similarities (leucine-rich) repeats. Contains 6 PFTA repeats.

GENE INFORMATION

Gene Name	RABGGTA Rab geranylgeranyltransferase, alpha subunit [Homo sapiens]
Official Symbol	RABGGTA
Synonyms	RABGGTA; Rab geranylgeranyltransferase, alpha subunit; geranylgeranyl transferase type-2 subunit alpha; protein prenyltransferase alpha subunit repeat containing 3; PTAR3;
Gene ID	5875
mRNA Refseq	NM_004581
Protein Refseq	NP_004572
MIM	601905

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Uniprot ID	Q92696
Chromosome Location	14q11.2
Pathway	Signaling events mediated by PRL, organism-specific biosystem;
Function	Rab geranylgeranyltransferase activity; metal ion binding; protein prenyltransferase activity; transferase activity; zinc ion binding;

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