

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

Cat. No. RABGGTA-4067H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RABGGTA MS Standard C13 and N15-labeled recombinant protein (NP_004572) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RABGGTA (Rab Geranylgeranyltransferase Subunit Alpha) is a Protein Coding gene. Diseases associated with RABGGTA include Choroideremia and Pharynx Squamous Cell Carcinoma. Among its related pathways are TP53 Regulates Transcription of Cell Death Genes and Metabolism of proteins. Gene Ontology (GO) annotations related to this gene include Rab GTPase binding and protein prenyltransferase activity. An important paralog of this gene is FNTA.
Molecular Mass	64.9 kDa
AA Sequence	MHGRLKVKTSEEQAEAKRLEREQKLKLYQSATQAVFQKRQAGELDESVLELTSQIL GANPDFATLWNCRREVLQQLQETQKSPEELAALVKAELGFLESLRVNPKSYGTWHH RCWLLGRLPEPNWNTRELELCARFLEVDERNFHCWDYRRFVATQAAVPPAEELAF DSLITRNFSNYSSWHYRSCLLPQLHPQPDSPGPQGRLPEDVLLKELELVQNAFFTD NDQSAWFYHRWLLGRADPQDALRCLHVSDEACTVSRPLLVGSRMEILLMLVD DSPLIVEWRTDPGRNRP SHVWLCDLPAASLNDQLPQHTFRVIWTAGDVQKECVLLK GRQEGWCRDSTTDEQLFRCELSVEKSTVLQSELESCKELQEPENKWCLLTIIILLM

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RALDPLLYEKETLQYFQTLKAVDPMRATYLLDLRSKFLENSVLKMEYAEVRVLHLA
HKDLTVLCHLEQLLLVTDLSDSHNRLRTLPPALAAALRCLEVLQASDNAIESLDGVTNL
PRLQELLCCNNRLQQPAVLQPLASCPRLVLLNLQGNPLCQAVGILEQLAELLPSVSS
VLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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 [RABGGTA Rab geranylgeranyltransferase subunit alpha \[Homo sapiens \(human\) \]](#)

Official Symbol [RABGGTA](#)

Synonyms RABGGTA; Rab geranylgeranyltransferase, alpha subunit; geranylgeranyl transferase type-2 subunit alpha; protein prenyltransferase alpha subunit repeat containing 3; PTAR3; Rab GGTase alpha; Rab GG transferase alpha; rab geranylgeranyltransferase subunit alpha; rab geranyl-geranyltransferase subunit alpha; geranylgeranyl transferase type II subunit alpha;

Gene ID [5875](#)

mRNA Refseq [NM_004581](#)

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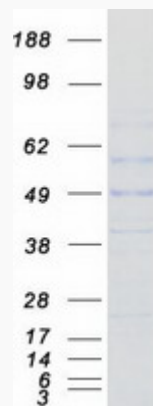
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Protein Refseq NP_004572

MIM 601905

UniProt ID Q92696

SDS-PAGE



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