Recombinant Mouse Fnta Protein, Myc/DDK-tagged

Cat. No. Fnta-3067M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length farnesyltransferase, CAAX box, alpha (Fnta), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Essential subunit of both the farnesyltransferase and the geranylgeranyltransferase complex. Contributes to the transfer of a farnesyl or geranylgeranyl moiety from farnesyl or geranylgeranyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X. May positively regulate neuromuscular junction development downstream of MUSK via its function in RAC1 prenylation and activation.
Molecular Mass	44 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Fnta farnesyltransferase, CAAX box, alpha [Mus musculus (house mouse)]
Official Symbol	Fnta
Synonyms	FNTA; farnesyltransferase, CAAX box, alpha; protein farnesyltransferase/geranylgeranyltransferase type-1 subunit alpha; FTase-alpha; GGTase-I-alpha; CAAX farnesyltransferase subunit alpha; ras proteins prenyltransferase subunit alpha; type I protein geranyl-geranyltransferase subunit alpha; FTA
Gene ID	14272
mRNA Refseq	NM_008033
Protein Refseq	NP_032059
UniProt ID	Q61239

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