

Product datasheet for **TP505858**

Fnta (NM_008033) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse farnesyltransferase, CAAX box, alpha (Fnta), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205858 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAATEGVGESAAGGEPGQPEQPPPPPPPPAQQPQEEEMAAEAGEAAASPMDDGFLSLDSPTYVLYRDR A EWADIDPVPQNDGPNPVVQIIYSEKFRDVYDYFRAVLQRDERSEAFKLTRDAIELNAANYTVWHFRRVL LRSLQKDLQEEMNYITAIIEEQPKNYQVWHHRRVLVEWLKDPSEQLEFIANILSQDAKNYHAWQHRQWVI QEFRLWDNELQYVDQLLKEDVRNNSVWNQRHFVISNTTGYSRAVLEREVQYTLEMIKLVPHNESAWNY L KGILQDRGLSRYPNLLNQLLDLQPSHSSPYLIAFLVDVYEDMLENQCDNKEDILNKALELCEILAKEKDT IRKEYWRYIGRSLQSKHCRES DIPASV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	44 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_032059</u>



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Locus ID:	14272
UniProt ID:	Q61239
RefSeq Size:	1881
Cytogenetics:	8 14.27 cM
RefSeq ORF:	1131
Synonyms:	FTA
Summary:	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.[UniProtKB/Swiss-Prot Function]