

Product datasheet for **MC215857**

Fntb (NM_145927) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Fntb
Synonyms:	2010013E13Rik; AA409500
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC215857 representing NM_145927

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTTCTTCGAGTTCCTTCACCTATTATTGTCCTCCATCTTCTCCCTGTTGGTCAGAACCGCTGT
ATAGTCTGAGACCTGAGCACGTGCGGGAGCGGTTGCAAGACGACTCAGTGGAACAGTCACATCCATAGA
ACAGGCCAAAGTAGAAGAGAAGATCCAGGAGGCTTTCAGTTCTTACAAGTTTAACACCTTGTACCAAGG
CTCATTTTGCAGAGGGAGAAGCACTTCCATTATCTGAAAGAGGCTTCGACAACGACAGATGCCTATG
AGTGTCTGGATGCCAGCGCCCTGGCTCTGCTACTGGATCCTGCACAGCCTGGAGCTCCTTGACGAACC
CATCCCCCAGATAGTGGCCACAGACGTGTGTCTCAGTTCTGGAGCTGTGTCTCAGAGTCCAGACGGTGGCTTT
GGAGGGGGGGCGGTAGTACCCACACCTCGCACCCACTTATGCAGCCGTCAATGCGCTGTGCATCATCG
GCACAGAGGAAGCCTACAACGTCATTAACAGGGAGAACTCCTTCAGTATTTGTAACCTAAAGCAACC
CGACGGCTCTTTCTCATGCACGTGGAGGTGAGGTGGACGTAAGGAGTGCATACTGTGCTGCCTCGGTA
GGCTCTCTACCAACATCATCACTCCAGACCTCTTTGAAGGCACGGCCGAATGGATAGCCAGGTGCCAGA
ACTGGGAAGGCGGCTTGGTGGGGTGCAGGGATGGAAGCCACGGTGGCTACACCTTCTGTGGCTTGGC
TGCGCTGGTTATCTCAAGAAGGAACGTTCTTTGAACCTGAAGAGCTTGTACAATGGGTGACAAGCCGG
CAGATGCGGTTTGAAGGAGGCTTTAGGGCCGCTGCAACAAGCTGGTGGACGGCTGCTACTCCTTCTGGC
AGGCAGGGCTCCTGCCCTGCTGCACCGAGCCCTCCACGCTCAAGGTGACCTGCCCTCAGCATGAGCCA
TTGGATGTTCCATCAGCAGGCGCTGCAGGAGTACATCCTGATGTGCTGCCAGTGTCCAGCCGGGGGCTT
CTGGACAAGCCTGGCAAGTCACGTGACTTCTATCATACTTGTCTACTGCCTGAGCGGCTCTCCATTGCC
AGCATTTGGAAGCGGAGCCATGTTGCACGATATGGTCATGGGTGTGCCGAAAACGTTCTGCAGCCAC
ACACCTGTGTACAACATTGGACCTGAGAAGGTGATCCAGGCCACCACACACTTCTGCAGAAGCCAGTC
CCAGGCTTTGAGGAATGTGAAGATGAGGTGACCTCAGATCCTGCCACCGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_145927

Insert Size:

1314 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_145927.2 , NP_666039.1
RefSeq Size:	2560 bp
RefSeq ORF:	1314 bp
Locus ID:	110606
UniProt ID:	Q8K2I1
Cytogenetics:	12 33.73 cM
Gene Summary:	Essential subunit of the farnesyltransferase complex. Catalyzes the transfer of a farnesyl moiety from farnesyl diphosphate to a cysteine at the fourth position from the C-terminus of several proteins having the C-terminal sequence Cys-aliphatic-aliphatic-X.[UniProtKB/Swiss-Prot Function]