

Product datasheet for **MC227418**

Ntn5 (NM_001289693) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ntn5 (NM_001289693) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ntn5
Synonyms: Gm484
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227418 representing NM_001289693
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCGACTACAGGACTCTTTTCTTCTCCAGGCCCAAGACCAGGATAGTGGCCAGCTACCTCCGTG
TGGAGTTCGGGGAAAAGCAGGGCTGGTGACCACTGGAGTAAGAGGCCGCTGCCAGTGCCACGGCCACGC
TGCCCGCTGTGCCACTCGGGCCAGCCCCACGCTGCCGCTGCCGCCACCACCACTGGCCAGGGTGT
GAGAGCTGTGCCCATCCATCGAGACTGGCCCTGGCGACTGCCACACCCAGCACCCCTCACCCGTGCT
TGCCCTGTTCTGCAATCAGCATGCCCGCCGCTGCCGATTCAACTCCGAGCTATTCAGGTTGTCAGGTGG
CCGTAGTGGGGTGTGTGTGAGCGGTGCCGCCACCACACAGCTGGGCGGCACTGTCACTACTGCCAGCCA
GGGTTCTGGAGGGACCCGAGCCAGCCCATCACTAGTCACAAGGCATGCAGGGCCTGCCAGTGCCACCCAA
TTGGAGCAACGGGAGGGATGTGCAACCAGACCAGTGGCCAGTGCCTGCAAGTTAGGGGTACAGGCCCT
GACATGCAATCGCTGTGGTCTGGCTACCAGCAGAGCCGCTCACCCAGGATGCCCTGCCAACGAATTCCA
GAGGCAACAACACCCCTGCTACTACCCCTGTTGCATCTCGATCAGACCCACAGTGTCAAGGCTATTGCA
ATGTCTCCGTGAGCAGTGTGCACATGAGCCTTCAGAGATACTGTCAGCAGGATTATGTTCTGCACGCCCA
GGTTTCAGCGTCGTCGTCGAGCCGCTGAGGCGGTGGGCCCGAGTGGTGGCGGCTGGCCGTGCACGTG
CTGGCTGTGTTCAAACAGCGTGCCTGGCCCGTGCGCCGCGGTGGCCAGGAGGCTGGGTGCCACGTGCTG
ACCTAATCTGCGGCTGCCTGCGCCTGCGCCTGGCGCTGACTACCTCCTGCTGGGCCGTGCTGCGCAGAC
CCACGACGACGACAACTATGACCCTGCGCGCCTCATCCTGAACCGCCACGGCCTCGCGCTGCCCTGGAGA
CCACGATGGGCCCGCCGCTGCGCGACTGCAGCAGAAGGAGCGCGGAGGTGCCTGCCGAGGCTGCTGC
CACCCACAGGAGCCCTGGGCCAGGA**CTAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001289693
Insert Size:	1152 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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.
RefSeq:	<u>NM_001289693.1</u> , <u>NP_001276622.1</u>
RefSeq Size:	1761 bp
RefSeq ORF:	1152 bp
Locus ID:	243967
UniProt ID:	<u>Q3UQ22</u>
Cytogenetics:	7 B3
Gene Summary:	Plays a role in neurogenesis. Prevents motor neuron cell body migration out of the neural tube.[UniProtKB/Swiss-Prot Function]