

Product datasheet for **MC227464**

Ntn5 (NM_001289692) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ntn5 (NM_001289692) 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: >MC227464 representing NM_001289692
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACCGACTACAGGACACTCTTTTCTTCTCCAGGTGCCGGCTCTACTGTGACCACGCCATTACCTCA
GCCTTTGCTCCTCCTTAGCCAGGCCACCTCAGACCCATGCTATGATCCAGGAGGGCGCCCTCGCTTTTG
CCTCCCACCAAGTACCCAGTTGGTTGGCAAGGCAGCAGCCCCCTGCTCTCAGACCTGTGCTTTCCTGCA
GCCAGCCCTGGCCCTGCCTGCAACAGTAGTCTGACCCTGGACCTGGACGGCTCCTTCTTGTGACATCTG
TGACCCCTGCGTTTCTGCACAGCGGGACCTCCAGCCCTGGTTCTTTCTGCTGCCTGGGCCACTGGGGGCC
CTGGAGGCCACTATGGCGTAGGCCCTGCCTGGCCTGGGGCTCTGGGGGGCCCAAGAAGGTAACCTTTCAC
TCCCCCAGGCCCAAGACCAGGATAGTGCCAGCTACCTCCGTGTGGAGTTCGGGGGAAAAGCAGGGC
TGGTGACCACTGGAGTAAGAGGCCGCTGCCAGTGCCACGGCCACGCTGCCCGCTGTGCCACTCGGGCCCA
GCCCCACGCTGCCGCTGCCGCCACCACCACTGGCCAGGGTGTGAGAGCTGTGCCCCATCCCATCGA
GACTGGCCCTGGCGACCTGCCACACCCAGCACCTCACCCGTGCTTGCCTGCCAGTGCCACCCAAATTG
GAGCAACGGGAGGGATGTGCAACCAAGACAGTGGCCAGTCTCTGCAAGTTAGGGGTACAGGCCCTGAC
ATGCAATCGCTGTGGTCTGGCTACCAGCAGAGCCGCTCACCCAGGATGCCCTGCCAACGAATTCCAGAG
GCAAACTACCCTGCTACTACCCTGTTGCATCTCGATCAGACCCACAGTGTCAAGGCTATTGCAATG
TCTCCGTGAGCAGTGTGCACATGAGCCTTACAGAGACTGTGACGAGGATTATGTTCTCAGGGGGCTGAG
GCAGAGGGACGCCAGTGACTTCTGGATTGGCTTAGGCTACAGATTCTGCACGCCAGGTTTCAGCGTCGT
CGTCGACCCGCTGAGGCGGTGGGCCCGAGTGGTGGCGGTGGCCGTGCACGTGCTGGCTGTGTTCAA
ACAGCGTGCCTGGCCCGTGCGCCGGTGGCCAGGAGGCTGGGTGCCACGTGCTGACC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001289692
Insert Size:	1182 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_001289692.1</u> , <u>NP_001276621.1</u>
RefSeq Size:	2027 bp
RefSeq ORF:	1182 bp
Locus ID:	243967
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]