

Product datasheet for **MC225797**

Nnat (NM_001291128) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nnat (NM_001291128) Mouse Untagged Clone
Tag: Tag Free
Symbol: Nnat
Synonyms: 5730414I02Rik; AW107673; Peg5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225797 representing NM_001291128
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCCGAGTGGCAGCAGCCTCGGCAGAACTGCTCATCATCGGCTGGTACATCTTCCGCGTGCTGCTGC
AGACCTGTCCCCAGTGCGCCCGCCAGCCGGGAACAAGACTCAGGGGTGCGCGGTGCCCCGCTGC
GGACGATCGCGACCAACGCGGTGTTCAAGTACTCCCTGCAGAAGCTGGCGCACACGGTGTCCCGGACCGG
GCGGCAGGTGCTGGGGGAGCGCAGGCAGCGAGCCCAACTGAGGCCCACTCCAGCCCTGGGCGGCC
GTGTCATCAGGTGCTCCTGTGCTTCTCGACCAGCATGGGAGCCAGTGCCGCGCAGGAATGGGGGTCCCC
TGTGTTCCCTCGTCAGAGGAGCACTTGCCAAGGTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001291128
Insert Size: 390 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_001291128.1</u> , <u>NP_001278057.1</u>
RefSeq Size:	1261 bp
RefSeq ORF:	390 bp
Locus ID:	18111
UniProt ID:	<u>Q61979</u>
Cytogenetics:	2 H1
Gene Summary:	May participate in the maintenance of segment identity in the hindbrain and pituitary development, and maturation or maintenance of the overall structure of the nervous system. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (c).