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Product datasheet for MC225492

Nnat (NM_001291130) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nnat (NM_001291130) 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:	>MC225492 representing NM_001291130 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCGCAGTGGCAGCAGCCTCGGCAGAACTGCTCATCATCGGCTGGTACATCTTCCGCGTGCTGCTGC AGGTGTTCCTGGAATGCTGCATTTACTGGGTGTTCAGGTACTCCCTGCAGAAGCTGGCGCACACGGTGTC CCGGACCGGGCGGCAGGTGCTGGGGGAGCGCAGGCAGCGAGCCCCCAACTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001291130
Insert Size:	192 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).

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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.
RefSeq:	NM_001291130.1, NP_001278059.1
RefSeq Size:	1200 bp
RefSeq ORF:	192 bp
Locus ID:	18111
UniProt ID:	Q61979
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 (5) lacks an alternate exon but contains a different exon that results in a frameshift in the 3' coding region, compared to variant 3. The encoded isoform (e) has a distinct C-terminus and is shorter than isoform c.