

Product datasheet for MR227703

Nnat (NM_001291130) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Nnat (NM_001291130) Mouse Tagged ORF Clone

Tag: Myc-DDK

Symbol: Nnat

Synonyms: 5730414l02Rik; AW107673; Peg5

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >MR227703 representing NM_001291130
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGCCGCAGTGGCAGCAGCCTCGGCAGAACTGCTCATCATCGGCTGGTACATCTTCCGCGTGCTGCTGCAGGTGTTCCTGGAATGCTGCATTTACTGGGTGTTCAGGTACTCCCTGCAGAAGCTGGCGCACACGGTGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR227703 representing NM_001291130

Red=Cloning site Green=Tags(s)

MAAVAAASAELLIIGWYIFRVLLQVFLECCIYWVFRYSLQKLAHTVSRTGRQVLGERRQRAPN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



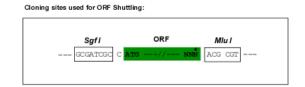
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

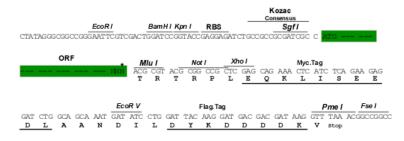
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



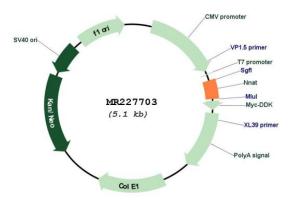
Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001291130

ORF Size: 189 bp

ORÏGENE

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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.

RefSeq: <u>NM 001291130.1</u>, <u>NP 001278059.1</u>

RefSeq Size: 1200 bp RefSeq ORF: 192 bp

Locus ID: 18111

UniProt ID: Q61979

Cytogenetics: 2 H1

MW: 7.7 kDa

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]