

Product datasheet for RN200791

Pnoc (NM_013007) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pnoc (NM_013007) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pnoc
Synonyms:	N23K; Npnc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200791 representing NM_013007 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAAATCCTGTTTTGTGATGTCCTGCTGCTCAGCCTGCTCTCCAGCGTGTTCAGCAGCTGTCCCAGG
ACTGCCTCACCTGCCAGGAGAGGCTCCACCCGGCTCCGGGCAGCTTCAACCTGAAGCTGTGCATCCTCCA
GTGTGAAGAGAAGGTCTTCCCCGCCCTCTCTGGACTCTTGCACCAAAGCCATGGCCAGTGACTCTGAG
CAGCTCAGCCCTGCTGATCCAGAGCTCAGTCCGCTGCTTTACCAGTCGAAAGCCTCGGAGATGCAGC
ACCTGAAGAGAATGCCCGGTGTCAGGAGTGTGGTGAAGCCCGAGACGCAGAGCCTGAGGCAGATGCAGA
GCCTGTGCAGATGAGGCCGATGAGGTGGAGCAGAAGCAGCTGCAGAAAAGGTTTGGGGGCTTCACTGGG
GCCCGGAAGTCAGCCCGAAGTTGGCCAACCAGAAGCGGTTCAAGTGAAGTTATGAGGCAGTACCTGGTCC
TGAGCATGCAGTCAAGCCAACGCCGGCGCACTCTGCACCAGAATGGTAATGTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_013007
Insert Size:	546 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).



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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:	NM_013007.1 , NP_037139.1
RefSeq Size:	974 bp
RefSeq ORF:	546 bp
Locus ID:	25516
UniProt ID:	Q62923
Cytogenetics:	15p11
Gene Summary:	endogenous ligand of the opioid-like orphan receptor; reduces neuronal excitability and induces an increase in inward rectifying K ⁺ conductance in thalamic neurons [RGD, Feb 2006]