

Product datasheet for MC204682

Nmb (NM_026523) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nmb (NM_026523) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nmb
Synonyms:	3110023K12Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC028490 AGAGCCTGTTTGGCACAGCCATGACCCGGCAAGCAGGAGCTCTTGGCTCCTCCGTGGTCTCCTGCTCTT CGCATTGTTTCGTTCCGGCGTCGCTCCCTTCAACTGGGATCTCCCGAGCCCCGAGCCGAGCAAGCAAG ATTCGAGTGCACCCTCGGGGCAACCTCTGGGCGACCGGTCACTTCATGGGCAAGAAGAGCCTGGAACCCC CGAGCCTGTCACTGGTGGGACAGCACCCCTAACACCCGAGGACCAGAGACTACAGTGAGTCATGA TCTGCTCAGGATCCTCCTGCGAAAGAAAGCTCTAGGCATGAACCTCAGTGGCCAGCTCCCCAATCCAG TACAGGAGGCTGCTGGAGCCACTACTGCAGAAGTGATGCCAATAATGGAACAAACCGGATGCTGGCTTA GAATGTGTCCATCCAGGGAAGCTGACAATGGAACCCTAGCAGTGGCCTCCTCTGGATGTAAATCCTAAGC TCAAATGTGTTAATCTGTTACTGTGATTTCTGGTTGGGTACCAGGAATGTTAATGATGCAGACACAAAG TCTTTCCTGCTGTATTTCTGCTTCCCTGGTGAAGTGGTGAATAAAAATACTGCTCTTTAAAAAAAAAAAA AAAAAAAAAA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_026523
Insert Size:	366 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).
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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC028490](#), [AAH28490](#)

RefSeq Size: 641 bp

RefSeq ORF: 366 bp

Locus ID: 68039

UniProt ID: [Q9CR53](#)

Cytogenetics: 7 D3

Gene Summary: This gene encodes a member of the neuromedin family of neuropeptides. The encoded protein is a precursor that is proteolytically processed to generate a biologically active neuropeptide that plays a role in satiety, reproduction and thermoregulation, as well as in stress, fear and other behavioral responses. This gene encodes distinct isoforms, some or all of which may undergo similar processing to generate the mature protein. [provided by RefSeq, Sep 2016]

Transcript Variant: This variant (2) uses an alternate splice junction at the 5' end of the last exon compared to variant 1, that causes a frameshift. The resulting isoform (2) has a shorter and distinct C-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.