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Product datasheet for MC217309

Nepn (NM_025684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nepn (NM_025684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nepn
Synonyms:	5730521E12Rik; Npn; periolin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC217309 representing NM_025684
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCACCCGCTTTGGGCTTTTCTTTTGGGGCTCTCTCTTACCAATGGCCTCAGTGCAAACTGTCCAGGAC
GATGCAGTTGTGATTCTATGCAGTCTGTACAATGCTACAGGCTCATGGAACTCCCATCAGGCATTCCTTC
CACCACCAAGAGACTCTACATTAGCCACAGCAGAATCCAGCACCTTCAGCTATCTAACTTCACTGGACTG
TTGGCTCTGGAAGATTTTATTCTGCTGGCCAGTGGAACAGAGTCTATTGAAAATGACACCTTCAAAACTC
TGAGTACACTAAAGACTCTAGAACTTTGGAAAAATAAATTGAGACAAGTCCCCAGTGCTCTCCCAGCCAA
CCTTGAGGTGTTAAAATTAAATGATAATGCCATATGTGCTCTACGTGGATCAGAGTTTGAAGGACTGAAG
AACTTGAAAGTCCTTGAACTTAAAAACAACTTGATCTCGTCCCTGTCTCCCAGCATGCTCTCCCCACTTG
CCAGTTTGCAGAGTTTGATGGTGGATGGTAACAACATAGAGTCCGTGGTTGGACCTCTGAGCCTTCCGCA
TCTCAAGTACATGAGCATGGAGAACAACCAACTCCACCTTATACCAGGGAATGTCTTCACTTCCCTACAG
AATTTGCAGTTCCTCAGTTTCAGTGGTAATTTTCTAACTAAAATTCCCATAAATCTACCCAAATCCTTGC
TATCTTTAAAGATGGAGAGAAACCAGCTCAAAGTGGTCAGGTTTCGCGATATGAAACACTTGGAGAACCT
GTCCCATCTTTACCTGTCAGAGAACTTCCTGTCTTCCATTGATGGGGCACAGCAGCTGACCAATTTAACA
ACTCTGGAGGTTTCCCAAAACCAGCTTCAAATGTTGCCTCCCAGGCTACCATCGAGGTTACAGAAGCTTG
ATTGTAGCAGTAACTTCATTCAGAGAGTGACAGCACCAGAATTCCAGGACCTCCGAGACCTGAAACATCT
GTTTCTAGACAACAATGTTGTCAGCTTGTTCGAGGCTGGGGCCCTTCAGAGGTGTTCTCAGCTGTCCAAC
CTGGCCCTGGAGCAGAATCTGCTGTTGTCTATCCCTCTGAGGCTCCCTAAGACCCTGGCCAGGCTGGACC
TCAAGGGCAATGCCATCCAGGACATGGCTGAAAGGGAGCTCAGGGACCTCAAACAACTGCAGGTCCTCAA
CCTCAGGAACAACCGGATCTCGGCCTTAGATTTCAAGGCACTGGAGGGGCTGCCTCGGCTCAGGCATCTC
TACCTGGATGGGAATCCCTGGAACTGCACTTGCAGTCTCCTACGAGCCAGGGAAGTCCTGAAGGCCAAGG
GCACGGACGTGAAAGGGGGACAGTGCGCAGCCCCAGCAGAGCGACAGGGGGAGAGCTGGATGTCCTCCAA
GAAGATCCTGAGGCAATGTGAGCATCACTTACAGCAGAGTGAGAAAAGCAAAGAGACCAAGAAGAAACCC
AAACCCGAAGACTCTTCCAGCATCAGACTCAACATGGATGACGACGATGACGATTATGAAATAGATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025684

Insert Size: 1539 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.
RefSeq:	NM_025684.2, NP_079960.1
RefSeq Size:	1823 bp
RefSeq ORF:	1539 bp
Locus ID:	66650
UniProt ID:	Q9CQ76
Cytogenetics:	10 B3
Gene Summary:	May inhibit TGF-beta signaling.[UniProtKB/Swiss-Prot Function]

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