

Product datasheet for **RN209893**

Nepro (NM_001009678) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nepro (NM_001009678) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nepro
Synonyms:	RGD1311458
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209893 representing NM_001009678
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCGCGGCCGTACGCCAGCCGCGGAGCCGTGGAACCGCGTGAAGATCCCCAGGCGGGGAAGTCA
 GCACACTGACAGTGCAGGATCCCAGCGCCACCCTGGATGTCTGCATTGCAGCTGTCATCAAAGCATGCCA
 CCTCGTCACACGGTCACTCAAGAGCCGGACCTTAGATGCGGAAGTGGACGTGCTGTGCTCAGTTCTCTAC
 AGCAATCACAACAGGCTGGGCCACACAGGCAACATTTGGCCCTCAGACAGGTAGAACAGTGCTTAAAC
 GATTGAAACACATGAATTTGGAGGGCTCCATTGAAGACCTGTCACAGTTGTTGTCCGCCAATAAACTCA
 GCCTGGAGCTACCGAAAACCGTGTGGTGGCCAGCCAGCCGGTATGGAGGTGGTGTGATGAAGTTTTG
 GGAGGCTGCAAGTTGTTGCTGCGCTTGTGGACCGCTGCTGCAAGACGTTTCTGTTGACTGTGAAGCACT
 TAGGGCTACGCGAGTTCATTATTTGAACCTTGATGGTTGGGCTGGTGAAGGTTATGGGTTCTCCA
 TAAAGGACTCTTGCAGCGCTGATTTCTTATATGAGCCATTGCTGGATTGCATCAGGAGATCTCCAGG
 ATTCAGCCCATGCCTTACTTCAAAGATTTGCCTTTCCCTCCAACATCACTGACTTTCTAGGCTCTCTCT
 ACCTTGATATCTTTAAGGAAAAACCCCTGCATCTTTGCTCCTAAAGGAGTAACAAAGTGCTAAATAA
 ACTGTTTTTAATGAAAGAGCAACTATCAGAGACCAATGGAGACACCTGGATAAACTTTCCCAACCATGT
 GAACAAATGAAAAGCAGCCACAGAGCAGCGTGGACCTGGGGCAGCCAGTGAAAGCGTGTAAAGGACCC
 GAAAAGAAAAGCCATTGGGATTTGACGTGCGGGCTTTCTGCACAAGACTCCGAAACAAAGCTACTCAGGA
 GACCAGCCAACAGTTTAAATATCCCAATCCAAACCGAAGACAACCAAACTTTCTCTCAGAAATTGAGA
 ACTCACTGGGCTAATGATACTGTGCAAAGAATCCGAATGACCAAGACATTACCCAACTTTCTGAAGAAA
 TCCAAATGGCAATTGCGTGGTCCCGGAGCAAAAAGCTCAAGGCTCAGGCCATCTATCTGGGCAACAACT
 TCTTAAGACTAATAGGCTTAGACATGTGGAATCTCAAGGTTACAGTTTGCCGAAGAAGCTTCAGTGCATG
 AAAACATCTCTTTGCAAGGGCTTCTCCGAGGCTTCAGTGTGAGCACTTCAAAGCACCTCCAGACAAA
 GAAGATCAAAGTATAAGTTTTATCAAGACAAAGGAAACACAGAGAAAGTTACAGTCAACTCTTATAAA
 GGAAACCCAGCAGGTCCCTGAAGGGACTCTGAAAACCACTAGGGACAGCAGTGCTAAGAAGAGATGCTCT
 GGTGGGACAGTTCAGAGGTCAGATGTCTGTCTGAATGGAGAGCAGGTCTTGAGCAAACCTTGCAAAGCCTG
 ACCTAAAAGCTAAGAAGATGGGGTCCATGGGAATCTGAGAGGGGGCGGTGGAAGTGAACCGGCCTGCG
 GACGAAGAGACAGGTGCACATGCACAGTGCAGCAGGCACCGCTCAAGAGGCAGATGACATTGATGATATT
 TTTGCTTTGATGGGAGTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001009678

Insert Size: 1701 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).

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_001009678.1, NP_001009678.1

RefSeq Size: 1947 bp

RefSeq ORF: 1701 bp

Locus ID: 303948

Cytogenetics: 11q21