

Product datasheet for **RN207568**

Nxpe1 (NM_001134635) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxpe1 (NM_001134635) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nxpe1
Synonyms:	RGD1566243
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN207568 representing NM_001134635
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACCAGTCAACGTTACCAACAGAGACCAAGCTAAGAGAGGAGATCCCTAAGATGACAGGCCACCAAG
 AAGACAAGTCACCAACAGAGACAGAGCTGAAAGTCAGGGAGATCCTGGAGAAGCTAGATGGACAGATCCC
 TCCAGACCCCTTCGCCACCTCAACAACACCACAAGTGCCACACACAGCAGCCACCATCCTCAACCCCT
 CAGGATACATACTGTGTAGGGGACCAGCTGGATGTCTTGTGGCGGCCAAGGACTATTTTGGTCACAGGA
 AGGAATATGGTGGGGATTTCTGAGGGCCAGGATGTCTCCCCAGCCTTGAAGGCAGGAGCTTCTGGAAA
 GGTGACAGACTTCAACAATGGCACCTACCTCATCAGCTTCACTCTGTTCTGGGAGGGCCAGGTCTCCCTG
 TCTATCCTGCTCATGCACCCAGTGAAGGGGTGTAGCTCTCTGGAGAGCAAGGAACCAAGGCTATGGTA
 GAATTGCCTTCAAAGGGACTTTTGTAAATGGCACATCCAAGGTCACAGCTGAATGTGGCCTGATCCTGAA
 CTAAGCAGTGAAGCTCTGCAAATACCTGTACCGTGGTGGCGAGGAAGTCTTCTACTGCGTGAAGCCTCAA
 CACATGCCCTGTGAGGCCCTGACCTACGTGTACCAGTACCAAGATGTTTCTTATCTCACTGCCAAAG
 AAAAAACCTTTTTTCAGAAAACCATTTTCCACCAATATCTGTTACCAGAGAGTGAACCGGGAGAAAAGAG
 ATGTGAGATCGGAATGGAGATCCCACACCTAGCGGTTACACTTTACAAGGAAGGTGGGTATCAGCCAG
 TGTACTIONCAGCGCTGTTAACCTCAAGTCAGATAAATGACTGCTTAAAAGGAAAGCTCATTACCTCCTGG
 GAGACTCCACGCTTCGCCAATGGATCGAATATCTTCCCAAGGTTGCAAAAACGTTGAGACCTTTTGACCT
 TCACGGGACTGGGCTATAAAGAAACATTTGATTTGGATGCTGAGAGGCACACTCTGGTTGAATGGAAG
 AAACACAGTCACCTTTTCACTGTCCAGCTCACTCTGTGATAGATGATGGCTATATCCCTCAGGAAA
 TTGACCGCTTGGCGGGCGACAAAGACACTGTCATAGTCATTACCGTGGGCCAGCACTTTCAGACCTTTCC
 CATGGAACCTTTTGTTCACCGAGTCATCAACATCCAAAAGGCTATTGGACGGCTCTTCTCAGAAGCCCT
 GATACTAAAGTCATCATTAAAGATGGAGAATATTAGGGAGAGGAACCTAGATACAGAGAAATTCGGAGACT
 TCCATGGTTATGTTAGTATCTAACCACAAAGGAGATTTCAAAGACCTTCATGTGGGTACCATTGATGC
 CTGGGACATGACCATCGCACATGGTACCAATGTCTCCATCCACCTGCTGCAGTGATTGGAACCAAGATT
 GACGTGTTTTTAAACTACATTTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134635

Insert Size: 1497 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_001134635.1](#), [NP_001128107.1](#)

RefSeq Size: 1575 bp

RefSeq ORF: 1497 bp

Locus ID: 500992

Cytogenetics: 8q23