

Product datasheet for **RN203550**

Nxpe3 (NM_001109435) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxpe3 (NM_001109435) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nxpe3
Synonyms:	Fam55c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203550 representing NM_001109435
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGGACCAATTTCTTCAAACACGAGTCTTCTGCTATCTGTTTGTGGTGCTAATGGTGGTGGTGTGG
 TCTTCAATGTCACTCAGGTGGAGTACTTGGACCATGAGACGATATCAGAGACATTCATCGACAGCAGCGG
 ACAGTATATTTCTCGCAGGCGCAGAGGCTTCAGTCGGAATGCATACTGTGGCTATGAGCACCAGACGCTG
 TCCAGTCAGGAACGCTTAGAGGAGGATGCCTTACTTGTCTCCTCAAAGTGAAGGTGCCGGATGTGGATC
 TGGTCCCGTTTGTGAAGAGCACCAGCCCTCCTCCAGCTACTTTGTATCTTGAATTCGACGCTTCTT
 CAGGGTGGGAAGCCAGCTGGAGGTGCTGGTTCATGTGCAAGATTTTCAGGGAAGCCCAAGAAGTATGGA
 GGAGACTACCTGCAGGCCAGAATACACTCGCTGAGCTGCAGGCTGGGGCCGTGGCCGAGTGGTAGACT
 ACCAGAATGGATTTACAAGGTGTTTTTACTTTGCTCTGGCCAGGCAGGTTAGAGTGTCCATATCTCT
 GGTTCACCCAGTGAAGGGATCAGAGTCTTCAGCGCTGCAGGAAGAGAAACCAGACAGGGTCTATTTT
 AAGAGTCTCTCCGATCGGAAGGATCTCTGAAACAATGAAGTGAATGTGTGTCTTCTGGAAGCCTTC
 CCCTGTGCAACTTTACAGACCGTTACACCGGAGAGCCCTGGTTCTGCTTCAAACCAAGAACTCCCTG
 CAGCAGCAGAATCAACCACTTCAAGGGCGGATACACGAAGGGCCTTCTCACTGCTGCCGAAAGTGCTTTC
 TTTCAAGTGGTGTGAATATCAAGATGCCAATCAACTCCAGTGGACCTGATTGGGTGACTGTGATCTCCA
 GGAGAATAAAGGAAACTGATGACCCAGAAGTATCTCAAGACTCAGGAACCTTTCTTCTGGATATTTCTA
 CAAAGACCAGTGGAGGCCAGGAGGTTAAGATGCGCCATTTCAATGACCCTGACAACATTACAGAGTGC
 TTGCAAAGAAAAATGGTGTATTTGTTGCGTGACTCGACAGCCAGGCAGTGGTTCGAGTACCTCACCACGT
 TTGTTCCAGATTTAGTGGAGTTAATTTGGGTAGTCCCAAGAACGTTGGTCCCTTCTTGCAGTGGATCA
 GAAACACGACATCTTGCTCAAATACCGCTGTCTGGTCCACCCATCCGCTTACAGAGCGTCTTCAGTAAT
 GACCTCCATTATGTGGCAATGAAGTGAACAGGATCGTGGGAGGAAGAACAAGTGGTGGCCATAGCAG
 TATGGTCTCACTTTAGTACATTCCTTGGAAAGTCTATATCCGGAGGCTCAGGAACATCAGACGGGCAGT
 GGTCCAACCTCTGGATCGAAGTCTAAGACTGTGATTGTTGTCCGGACAGGCAATGCCCAAGAGCTGGGG
 CCTGAGGTGAGCCTTTACAACAGCGACTGGTACAACCTTCAACTGGACACTGTGCTTCGACAGGATGTTTT
 CAGGGGTGGAGTCTACCTTGTGGATGCCTGGGAGATGACCTTGGCTCATCATCTGCCCCACAAGCTGCA
 TCCAGAGGAAGTATTGTGAAGAACCAGCTGGACATGTTCTTATCTTATGTATGCCCTCGGAGACATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001109435

Insert Size: 1680 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_001109435.1, NP_001102905.1

RefSeq Size: 3137 bp

RefSeq ORF: 1680 bp

Locus ID: 681096

Cytogenetics: 11q12