

Product datasheet for **MC218702**

Nxpe5 (NM_001013773) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nxpe5 (NM_001013773) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nxpe5
Synonyms:	MGC118496
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218702 representing NM_001013773
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCAATTCAAGAGCTACAAGATTCTGACTGTGGGTTGGTCTTTCTGGTTTTGGTGTCTGCTTCA
 TGATGCCTTGGCCTGAGCCCATGATCCATTGGCTCCCACAACCCAGCACTGTCCCTGAGTATGTCTCAGA
 ATCCATCGACTGGGACTCTCTGCCTCAAGAAGTCCCAACCTGACCAGCCTTCTCTATTGGCCTCCAAC
 GGTGAAGACAGGGATGATTTTTGGCCTCTACCAGCCCCAGAACCTCCACATACTGCTTGAAGGGTCCGG
 CCCACACCACCTTACTCTGGGAAGTAACCTAGAAGCCATCCTTGTGGCTAGGGATCACCGAGGAAGAGC
 TAAAGTTCACGGTGGAGATCTGTTTCGGGCACAGCTGCTGGGCCAGAATTGAGAGCAGGAGTCCCAGGG
 GAGGTGAAGGATCTGAAGAATGGCACTTACCTCTGTCTGTTCCCTGCTCTGGGCTGGACGGGCCAGG
 TGCAAGTGGCGGTGATCCACTCCAGTGAAGCAGTTAGGGTCTGCAAAGGGTCTGGAGAGAAAAACGAGC
 CACTGTTGATTTAGAGGGTATTTCCGAGGAACAGATGGGCCTCTAGAGACTGTCTGTAACTGGAC
 CCCAGTCAACTGGAGCCAAAGGCCTACTGCCAGTACAAGGATGTGGTTTCTGGGGAGAGCTGGTTCT
 GTGCTCAACCCTCTACTTTGCCCTGCAATGCTTTAGTGGGTCACTCAAGTGAAGTTATCTGAAGGTGAC
 CACGTCACATGATGAAGCCCTGCTGGCTGGGAATGTGACTGACCAGAACTCCCTCAGGTGTACCTCCA
 ATCCTGGTCTTACCAGCAACGCAGGGGAACATGAGTAACATGGCCTTGCCTCAAGGCCTCCATGTAGCC
 CGGGCCACCTGTCTCAAACCTCTGGCTTCTACTACCAAGACAGATGGCACTCAACATTCTGTTCTAG
 TCGCTCTTCCCACTGTGGACAGCATCTGAAGTGCCTGGCTGGCCGCATTGTCTACATGTTAGGGGAT
 TCCACACTTCGGCAGTGGTGGGAGTATCTGCGAGACACAGTCCCTCCCTGAAGCCAGTTGATCTACATG
 TCACTTATCAGGTAGTCTCTGATGGCTGTGGAGACAACCTCGGGGACAGTGTTCACATGGAGGGCCCA
 CAGCTGGCCCTGCGTTCTCTCCGACCCAGTGGCCTCCCTGCACTCTGTGGCCAGAGAACTACACGGC
 CTGGCTGGGGACCCCTACACAGTGGTGGTGTGGGCATCGGGGCCCACTTTACCCTTTCCCTCCCTCCA
 TCTTTGCCGAAGACTGGTAGGGATTCGGGCAGCTGTGAAGGCCCTGTTGGACCAGAACCCAGTACTCT
 GGTTCATCAAACTGGCCAATACTGGCTACAAATCCGTGTATGGCAGTACTGGCTCACACTGCAGGTG
 AATCGCTTGTCCGAGCTGCCTTTGTTGGTCTCCGAGTGGCCTTTGTGGATGCATGGGAAATGACCTCCA
 CCTTGAATGTGCCAGACAACATCCACCCAAGGAAGCTTATTGTCCGAATGAAGTGAATTATTTCTGTC
 CTTTCATCTGTTCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001013773

Insert Size: 1629 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_001013773.3](#), [NP_001013795.3](#)

RefSeq Size: 2312 bp

RefSeq ORF: 1629 bp

Locus ID: 381680

Cytogenetics: 5 G2