

## Product datasheet for **RN207532**

### **Nxpe4 (NM\_001025055) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nxpe4 (NM_001025055) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nxpe4
Synonyms:	Fam55b; Fam55d
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207532 representing NM\_001025055  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAAATGATGGCCAGTCGTAAGTCACGTGGGTGCTGCTGTTTATAGTGATCTTCTGGATCTCTTTTA  
CGTTTTTCAGAAACCCCGTGAAGCTATGGGCTGTGTTTAAAGCTGCCTGCATCCTTCAATCAATGGGACTT  
GATCATGAAATCCTCATGCCCTAAAGTGCCCTCAATCCATCAGTTTACCAACAGAGACAGAGCTGAGA  
ATCAGGGAGATCCTAGAGAACTAAACAACAGATCCCTCCAGACCCCTTCGCCACCTCAACAACACCA  
CAAGTGTACACACAGCATAGCCACCATCTCAACCCCAAGATACATACTGTGTAGGGGACCAGCTGGA  
CATCCTGGTAGAGGCTAGAGACCACCTAAGAAACAGGAAAGGTATGGTGGGACTTCTGAGGGCCAGG  
ATGTCTTCTCCAGCCCTGAAGGCAGGCGCTTCTGGAAAAGTGACAGACTTCAACAATGGCACCTACCTG  
TCAGTTCACCTGTTCTGGGAGGGCCAGGTCTCCCTGTCTATCCTGCTCATGCACCCAGTGAAGGGT  
GTCAGCTCTCTGGAGAGCAAGGAACAGGGTTACGACAGAATCATCTTCTCAGGCCATTTTGTGAGTGGC  
GCTTCTCAGGTCCACACCGATTGTGCCCTGGTTCTAAATTCAGTGTGCGACTATGTCAGTATCTGGATG  
CCCAGGACCAAGAAGCTTCTACTGTGTGAAGCCTCCAAATGTGCCCTGTGCGGCCATCACCCACATGCA  
TTCCAAGAACAAGGACATTTCTTATCTTAGCCAGCAGGAAAGGAGCCTCTTTGAAAGGTCAAATATAGCT  
GTGGAGATTATGGGAAAAATCCAACGTGATTAGTGTCTCCAAATGCAACAAAGCCGTCCCGGTGAAGAAGA  
AATGCAAGTTTGGGATGGCATCTGCAATCCCTACTGGGCATGTCTGAAAAACACGTGGAATCCGGCCTC  
CTGCAGTCTGGCTCCAATCAAAATGAAAGACTGCCTGAGAGGAAAACCGTCCATCTAATGGGTGATTCC  
ACAATGCGCCAGTGGATGGAGTACTTCAAAGCAAAATCAACACGCTGAGGCCGGTGGACCTCCACGAGA  
CTGGAAGGCTGCAGCACCAACTTGCCGTGGACTTGGATGAGAAAATCAACATCCAGTGGCAGAAACATGG  
CTTCCCTCTAATCGGGTCAATGGTGTACTCTGTCAAAGAGATAGAGAACACTGCACGGATAATTGACAGA  
ATCGGAGGAGAGAAAAACACAGTCATTGTCTTTTCTCTGGGCCAGCATTTTCCAGACCTTTCCATTGATG  
TTTTTATCCGAAGGGCCCTCAGTGTTTACAGAGCTCTTACAGCTTCTCCTGAGAAGCCCGGACACCCCT  
GGTGGTCTCAAACAGAAAACACCAGGGAGTTGAATAACGACATGGAGAGGTTTGTGACTTCCACGGT  
TACACCCAGTATCTTGCCTTAAAGAATATCTTCCAGGATCTCCGTGTGGGTGTCATTGATGCCTGGGATA  
TGACAGTTGCATATGGCACAACGATGTCCATCCACCAGAGGAGGTAGTTAGAAGTGAATTAATATATT  
CTTAAACTATATTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001025055

**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\\_001025055.1](#), [NP\\_001020226.1](#)

**RefSeq Size:** 2981 bp

**RefSeq ORF:** 1629 bp

**Locus ID:** 500991

**UniProt ID:** [Q5XI89](#)

**Cytogenetics:** 8q23