

## Product datasheet for **MC217404**

### **Npepl1 (NM\_213733) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Npepl1 (NM_213733) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Npepl1
Synonyms:	BC023239; C85514; mKIAA1974
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217404 representing NM\_213733  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGAGCGTGGGGCTGCAGTTCAGGCCAGCGCCGGGACCGGACCCCCAGAGCCGGCCCTGTCTGC  
 TGTTGGGCCAGCTGCAACACCTGCACCGGTGCCCTGGAGCCACGTCCGGGGAAGCTGCAGCCCGGGT  
 CACCGAGGAGCTCTGGCAGGCAGCTCTGCCACGCTCAACCCCAACCCACAGACAGCTGTCTCTCTAC  
 CTGAAGTGCGCCACAGTGGCAGCTCTGCCTTCTAGGGTGAAGCCGACATAACAGCCCGTCCGAGCCCACT  
 TCATCACCAGGCTCGTGAGAACCTGCCTGCCTCTGGAACCCACCGGTGTATCCTGATGGTCTGCGAACA  
 GACTGAGGTTTTTGCCTCTGCCTGTGCCTTGGCACGGGCCTTCCACTCTTACACACCGCTCAGGGGCA  
 TCCCGGCGCGCAGAGAAGAGGACAGTCATGGTGGAGTTCTTCTGGTGGGACAAGACAATGGCCAGTGG  
 AAGTGCCACCTGCAATGTTTAAACCAATGCTACAGAAGGTGTCGACTAGCAGCTCGCATTGTGGACAC  
 GCCGTGCAATGAGATGAACACAGACATCTTCTTGAGGAGATTATCCAAGTTGAAAGGAGCTGGGTATC  
 ACCCCACCATCATCCGCGATGAGCAGCTAAAGACCAAAGGATTTGGAGGAATCTATGGGTTGGCAAAG  
 CTGCCCTCCATCCACCCGCTCTGGCCATCCTTAGCCACACCCCTGATGGGGCCACACAGACCATTGCCTG  
 GGTGGGCAAGGGCATCGTCTATGACACCGCGGTCTCAGCATCAAAGGAAAGACCACTATGCCAGGGATG  
 AAGCGAGACTGTGGGGTGCAGCCGCTCTGGGAGCCTCAGAGCCGCATCAAGCAGGGTTTCAAAG  
 ATAACCTCCATGCTGTGTCTGCTTGGCCGAGAATGCAGTTGGACCAATGCCACCAGGCCGGATGACAT  
 TCACCTGCTGTACTCGGGGAAGACCGTAGAGATCAACAACACGGATGCTGAGGGCAGGCTGGTGTGGCA  
 GACGGGGTGTCTTACGCTTGCAAAGACCTGGGGGCTGACATCATCGTGGACATGGCCACCCTGACAGGGG  
 CACAAGGCATTGCCACAGGGAAGTACCATGCAGCCGTGCTCACCAACAGCGCCGAGTGGGAGGCGGCTG  
 CGTGAAGGCTGGCCGGAAGTGCAGGGACCTGGTCCACCCGCTAGTCTACTGCCCTGAGCTGCACTCAGC  
 GAATTCACCTCGGCTGTGGCTGACATGAAGAACTCCGTGGCGGACCGAGACAACAGCCCAAGCTCTGTG  
 CTGGCCTCTTATTGCTTACACATCGGGTTTACTGGCCGGGGTCTGGGTCCACCTGGACATCGCTGC  
 TCCAGTGCATGCTGGCGAGCGAGCCACAGGCTTTGGGGTGGCTCTCTACTGGCTCTTTTGGCCGTGCC  
 TCCGAGGACCCGCTGCTGAACCTGGTATCCCGCTGGACTGTGAGGTGGATGCCAGGAAGGCGACAACA  
 TGGGGCGTGACTCCAAGAGACGGAGGCTCGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_213733

**Insert Size:** 1575 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\\_213733.2](#), [NP\\_998898.1](#)

**RefSeq Size:** 2110 bp

**RefSeq ORF:** 1575 bp

**Locus ID:** 228961

**UniProt ID:** [Q6NSR8](#)

**Cytogenetics:** 2 H4

**Gene Summary:** Probably catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.[UniProtKB/Swiss-Prot Function]