OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC112102

NPEPL1 (NM_024663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NPEPL1 (NM_024663) Human Untagged Clone
Tag:	Tag Free
Symbol:	NPEPL1
Synonyms:	bA261P9.2
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_024663, the custom clone sequence may differ by one or more nucleotides

ATGGCGAACGTGGGGCTGCAGTTCCAGGCGAGCGCGGGGGACTCGGACCCACAGAGCCGGCCCCTGCTGC
TGCTCGGGCAGCTGCACCACCTGCACCGCGTGCCCTGGAGCCACGTCCGCGGGAAGCTGCAGCCCCGGGT
CACCGAGGAGCTCTGGCAGGCTGCCCTGAGCACGCTCAACCCCAACCCCACGGACAGCTGTCCCCTCTAC
CTGAACTACGCCACCGTGGCTGCCCTGCCCTGCAGGGTGAGCCGGCACAACAGCCCCTCGGCCGCCCACT
TCATCACGCGGCTGGTGCGGACCTGCCTGCCGCCCGGAGCGCATCGCTGCATTGTGATGGTCTGCGAGCA
GCCGGAGGTCTTTGCTTCCGCCTGTGCCCTGGCCCGGGCCTTCCCGCTGTTCACCCACCGCTCAGGTGCC
TCTCGGCGCTTGGAGAAGAAGACGGTCACCGTGGAGTTTTTCCTGGTGGGACAAGACAACGGGCCGGTGG
AGGTGTCCACATTGCAGTGCTTAGCGAATGCCACAGACGGCGTGCGGCTAGCAGCCCGCATCGTGGACAC
ACCCTGCAATGAGATGAACACCGACACCTTCCTCGAGGAGATTAACAAAGTTGGAAAGGAGCTGGGGATC
ATCCCAACCATCATCCGGGATGAGGAACTGAAGACGAGAGGATTTGGAGGAATCTATGGGGTTGGCAAAG
CCGCCCTGCATCCCCCAGCCCTGGCCGTCCTCAGCCACACCCCAGATGGAGCCACGCAGACCATCGCCTG
GGTGGGCAAAGGCATCGTCTATGACACTGGAGGCCTCAGCATCAAAGGGAAGACTACCATGCCGGGGATG
AAGCGAGACTGCGGGGGTGCTGCGGCCGTCCTGGGGGCCTTCAGAGCCGCAATCAAGCAGGGTTTCAAAG
ACAACCTCCACGCTGTGTTCTGCTTGGCTGAGAACTCGGTGGGGCCCAATGCGACAAGGCCAGATGACAT
CCACCTGCTGTACTCAGGGAAGACGGTGGAAATCAACAACACGGATGCCGAGGGCAGGCTGGTGCTGGCA
GATGGCGTGTCCTATGCTTGCAAGGACCTGGGGGCCGACATCATCCTGGACATGGCCACCCTGACCGGGG
CTCAGGGCATTGCCACAGGGAAGTACCACGCCGCGGTGCTCACCAACAGCGCTGAGTGGGAGGCCGCCTG
TGTGAAGGCGGGCAGGAAGTGTGGGGACCTGGTGCACCCGCTGGTCTACTGCCCCGAGCTGCACTTCAGC
GAGTTCACCTCAGCTGTGGCGGACATGAAGAACTCAGTGGCGGACCGAGACAACAGCCCCAGCTCCTGTG
CTGGCCTCTTCATCGCCTCACACATCGGCTTCGACTGGCCCGGAGTCTGGGTCCACCTGGACATTGCTGC
ACCGGTGCATGCTGGTGAGCGAGCCACAGGCTTCGGTGTGGCCCTCCTGCTGGCGCTCTTCGGCCGTGCC
TCTGAGGACCCTCTGCTGAACCTGGTGTCCCCACTGGGCTGTGAGGTGGATGTCGAGGAGGGGGACCTGG
GGAGGGACTCCAAGAGACGCAGGCTTGTGTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024663 unedited
GTGGTCGAGNATTTGTATACGACTCATATAGGCGGCCGCGAATTCGGCACGAGGGCACCA
CCTGCACCGCGTGCCCTGGGACCACGTCCGCGGGAAGCTGCAGCCCCGGGTCACCGAGGA
GCTCTGGCAGGCTGCCCTGAGCACGCTCAACCCCAACCCCACGGACAGCTGTCCCCTCTA
CCTGAACTACGCCACAGTGGCTGCCCTGCCCTGCAGGGTGAGCCGGCACAACAGCCCCTC
GGCCGCCCACTTCATCACGCGGCTGGTGCGGACCTGCCTGCCGCCCGGAGCGCATCGCTG
CATTGTGATGGTCTGCGAGCAGCCGGAGGTCTTTGCTTCCGCCTGTGCCCTGGCCCGGGC
CTTCCCGCTGTTCACCCACCGCTCAGGTGCCTCTCGGCGCTTGGAGAAGAAGACGGTCAC
CGTGGAGTTTTTCCTGGTGGGACAAGACAACGGGCCGGTGGAGGTGTCCACATTGCAGTG
CTTACCGAATGCCACAGACGGCGTGCGGCTAGCAGCCCGCATCGTGGACCACACCCTGCA
ATGAGATGAACACCGACACCTTCCCTCGAGGAGATTAACAAAGCTGGAAAGGAGCTGGGG
ATCATCCCAACCATCACTCCGGATGAGGAACTGAAGACGAGAGGATTTGGAGGAATCTAT
GGGGTTGGCAAAGCCCGCCTGCATTCCCCACCCTTGGCCGTCCTCAACCACACCCCAGAT
GGACCCACGCAGACCATTCGCTGCGTGGGCAAAGGCATCGCCTAAGACACTGGAGGCCCA
GCCATAAGAGGAAAACTACCCTGCCGGGGAATGAACCAGACTGAGGGGGGGCTGCGGCCG
TTCTGGGGGCCTTCAAAACCCCAACAACCAGGGTTTCAAAGACACCTCCACGCTGGGTCC
GGCTGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024663 unedited
TCCGCGGCCGCAATCTAGTGTCGAGTTTTTTTTTTTTTTTTTGAGGGGGCGGTGTGACT
GTATTTAATTGAACCTCAAGTGAATTCTGAGAGGCCAGAGTGTGACTTCTCTTGCCCTAT
AAATCAAGTCCCCTGCAGCAAGTCAGCTCCATCTTTCACAGGGCTGGGCTGGCTGGATGC
GCTGGCAGCCCCGGCTGGAGTAAGAGCCTGGCTGTCAGCCACGCAAGTGCCCTGCACGGG
ACCTGGGGCTGGGACAGGGCACCAGGCAGGCAGGAGGCCTCACCCCGGGGTGCAGAAGGC
CCCAGGGGTAGCAGTTTACAGAAGATGTCTCAGTCCTGTAAGTAACAAACAGAAACAAGC
CCCAGCGCTTCCCGGTCCCCTCCCCGTGGCCCGCACCAAACCCTAAGCTGTCTCCTAATA
CTTCAGCTGTTTCCACCACCACGCTGACGACCAGAAAGACAAACCAAAACCCATATGAAG
GGCAATCTTTCAATTGCTTAAAATTAATCAGTGCAAAGTGAGGTAAAAGATCCCCGTTTG
TCAAGGCCGAAGCAAGAAGCTCACACAAGCCTGCGTCTCTTGGAGTCCCTNNCCACGTTC
CCCTCCTCGACATCCACCTCACAGCCCAGTGGGGACACCAGGTTCAGCAGATGGTCCTCA
GAAGCACCGGCCGAGAGCGCCAGCAGGAAGGCCACACACAAGCCTGTGGCTCGCTCACCC
TGCCAGCATAGGGCATGACACAGACTCTGGGCGTGAGGCTGCAGCACATGAAGGGGTCCC
TGGGGACCCCTCACCTCCTGGGTCCCCTCCACCGTGCCCAAAATNCCCCTCTCTAGAAAG
AGATCCTGAGCCCCAGCCGGAGCCCAAGAACTTTCATGCGGCTGGCAGAACCCTTTAAGG
CTGCAGGCCAGCCCATGCAGGGGCCAAGCCCTGTGGCCCTGCTCTCCCCGGGACTCCTAG
GTGGGATGGGGAAAAGCCCAAAACCCCTTGAGGAAGGTGCCTGGGAAGGCCCCACCAACC
CTGTTA

Restriction Sites: NotI-NotI

ACCN: NM_024663

Insert Size: 2590 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_024663.1, NP_078939.1

RefSeq Size: 2217 bp

RefSeq ORF: 2217 bp

Locus ID: 79716

UniProt ID: Q8NDH3

Cytogenetics: 20q13.32

Domains:	Peptidase_M17
Protein Families:	Druggable Genome, Protease
Gene Summary:	Probably catalyzes the removal of unsubstituted N-terminal amino acids from various peptides.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).