

Product datasheet for **SC113871**

EPN3 (NM_017957) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPN3 (NM_017957) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPN3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC113871 sequence for NM_017957 edited (data generated by NextGen Sequencing)

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ATGACGACCTCCGCACTCCGGCGCCAGGTGAAGAACATCGTGCACTACTCCGAGGCA
GAAATCAAGGTGCGCGAGGCCACCAGCAATGACCCCTGGGGCCCCCTAGTTCGCTCATG
TCCGAGATCGCTGACCTGACCTTCAACACAGTGGCCTTACCAGAGTCATGGGCATGCTG
TGGCGCGGGCTCAATGACAGCGGCAAGAAGTGGCGGCACGTGTACAAGGCTCTAACATTG
CTGGACTACCTGCTCAAGACGGGCTCCGAGCGGGTGGCCACCAGTGCCGCGAGAACCCTC
TACACCATCCAGACACTCAAGGACTTCCAGTACATCGACCGCGACGGCAAGGACCAGGGC
GTCAACGTGCGCGAGAAGGTCAAGCAGGTGATGGCCCTGCTCAAGGATGAGGAGCGGCTG
CGGCAGGAGCGAACCACGCCCTCAAGACCAAGGAGCGCATGGCACTGGAGGGCATCGGC
ATTGGCAGTGGGAGCTGGGCTTACGCCCGCTACGGCGAGGACTACAGCCGCTCCCGG
GGCTCCCCGTCCTCTACAACCTCTCTTTCGTCACCCCGCTATACCTCCGACCTGGAG
CAGGCCCGGCTCAGACGTCGGGGGAAGAGGAAGTGCAGTGCAGCTGGCCCTCGCCATG
AGCCGTGAGGAGGAGAGAAAGCCTGTCCCCCAGCCTCCACAGGGACGAGGACCTGCAG
CTGCAGCTGGCTCTGCGCCTGAGCCGGCAGGAGCACGAGAAGGAGGTGAGGTCTGGCAG
GGTGATGGCTCCCCATGGCCAATGGTGCAGGGGCGGTGGTCCACCATCAGCGGGACAGA
GAGCCTGAGAGAGAAGAGAGAAAGGAGGAGGAGAAGCTAAAAACAGCCAGTCTCCATC
CTGGACTTGGCTGACATCTTCGTACCTGCCCTGGCCCCGCCCTCCACACTGCTCTGCT
GACCCATGGGACATCCCAGGTTTTAGGCCGAACACAGAGGCCAGTGGATCCTCCTGGGGG
CCTTCTGCAGACCCTGGTCTCCGATCCCCTCAGGAACCGTCTGTCCCGAAGCCAGCCC
TGGGATCTGACTCCATGCTCTCCTCTCTGAGCCCTGGGGCAGGACCCAGTGTGCCT
ACTGGGGCTGACCCTTGGGGAGCCTCCCTGGAGACCTCCGACACACCTGGTGGTGCCTCG
ACCTTTGACCCATTTGCCAAACCTCCAGAATCCACAGAGACCAAGGAGGGGCTGGAGCAG
GCCCTGCCCTCTGGGAAGCCAGCAGCCCTGTGGAGCTGGACCTGTTTGGAGACCCAGC
CCCAGTTCCAAGCAAAATGGCACGAAGGAGCCAGATGCCCTGGACCTGGGCATACTAGGG
GAAGCACTAACCCAGCCAAGCAAGAGGCCGAGCTTGGCCGACTCCCGAGTCTTCTCTG
GGTCCCTCAGCTTCTCCTTGGTCAACCTTACTGCTGTTGGTCAAGGCACCCAGGTTGCA
AAGACCCGAACCCCTTCTGACAGGTCTCAGCGCTCCGTCCCCACCAACCCGTTGGC
GCGGGCGAGACGGGAGCCGACGCTAAACCAGATGCGCACCGGCTCGCCGGCGCTGGGC
CTGGCAGGCGGGCTGTGGGGGCGCCCTGGGCTCCATGACCTACAGCGCTCTCTGCC
CTCCCGCTCAGCAGCGTCCAGCTGGCTTGACCTCCCCGCTCGGTTAGCGTCTTCCCG
CAGGCCGAGCCTTCGACCCGACGCGCTGCTGCCACGCGGAGCTCAGCCGGGCGCGG
CCCCGCCCGCAGACCGGCACCAACCCCTTCTCTGA
```

Clone variation with respect to NM_017957.2
621 a=>g;1630 c=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017957 unedited
 GAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCAGCTGCTCTGCTAACAC
 GGCAGCCCATCCTTCGACACTGTGACCTCGCCACAGTGGCCCTCAGCCCTCCACCTCCGG
 CGGGGGCGAGGGCCACCCACCTCCAAGTCTCCAGCCATGACGACCTCCGCACTCCGGCGC
 CAGGTGAAGAACATCGTGCACAACACTCCGAGGCAGAAATCAAGGTGCGCGAGGCCACC
 AGCAATGACCCCTGGGGCCCCCTAGTTCGCTCATGTCCGAGATCGCTGACCTGACCTTC
 AACACAGTGGCCCTCACCGAAGTATGGGCATGTGTGGCGGCGGCTCAATGACAGCGGC
 AAGAACTGGCGGCACGTGTACAAGGCTCTAACATTGCTGGACTACCTGCTCAAGACGGGC
 TCCGAGCGGGTGGCCACCAGTGCAGGAGAACCTCTACACCATCCAGACACTCAAGGAC
 TTCCAGTACATCGACCGGACGCAAGGACCAGGGCGTCAACGTGCGCGAGAAGGTCAAG
 CAGGTGATGGCCCTGCTCAAGGATGAGGAGCGGCTGCGGCAGGAGCAACCCACGCCCTC
 AAGACCAAGGAGCGCATGGCACTGGAGGGCATCGGCATTGGCAGTGGGCAGCTGGGCTTC
 AGCCGCCGCTACGGCGAGGACTACAGCCGCTCCCGGGGCTCCCGTNTCTCTACAACCTC
 TNCTCTTCGTACCCCGCTATACCTCCGACCTGGNAGCAGCCCGGCTCANACGTCGGNG
 GAAAGAGAACTGCAGCTGCAGCTGGCCCTCGCCATGAGCCGTGAGGAAGCAGAGAAGCCT
 GTCCCCCAGCCTCCACAGGGACGAGGACTGCAGCTGCAGCTGGCTCTGCGCCTGAGCCC
 GCAGAGCCGANAAGNAGTGAGGTCTGCAGGGTGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_017957 unedited
 NCCTACTGNCCGCGGCCGATTCTANNGATCGGTTTTTTTTTTTTTTTTTTTAAACGAGGG
 TTCCAGTCTTTATATGCGGGCGTTTCAGTTTCTAGCTCCCGGGCCGTGGTCCGCTCCAG
 CTTCCAGAGCCCGCGGGATACCAGCCGCCACTGGCTCGGCGTCCACTAGCACCGGCG
 CCCCGCCAGCCCGGGTCCGGAGGCGGGCCCGGGAGCGTCCGGCGCAGGCGCAGGCCG
 GTATGGGACGGGGCGGGGCTCAGAGGAAGGGTTGGTGCCGGTCTGCGGGGGCGGGGGCC
 GCGGCCCGGCTGAGCTCGGCGTGGGCAGCAGCGGCTGCGGTGCGAAGGCTCCGGCCTGCG
 GGAAGACGCTAACCGAGGCGGGGAGGGTCAAGCCAGCTGGCACGCTGCTGAGCGGGAGGG
 GCAGAGAGGCGTGTAGGTATGGAGCCAGGGGCGCCCCACAGGCCCGCTGCCAGGC
 CCAGCGCCGGCGAGCCGTTGCGCATCTGGTTTAGCGTCCGCTGCCCGTCTCGCCCGCGC
 CGAACGGGTTGGTGGGGACGGAGCGCTGAGACCTGTCAAGGAAGGGTTCCGGGCTTTG
 CAACCTGGGGTGCCTTGACCAACGAGTCAAGGTTGACCAAGGAGGAAGCTGAGGGACCCA
 GGAAGGACTCGGGAGTCCGGCAAGCTCGGGCCTCTTTGCTTGGCTGGGTTAGTGCTTCCC
 CTAGTATGCCAGGTCCAGGGCATCTGGCTCCTTCGTGCCATTNTGCTTGGAAGTGGGGC
 TGGGGTCTNCAACAGGTCCAGCTNCACAGGGCTGCTGGGCTTNCAGAGGGCANGGCT
 GCTNCAGCCCCTNCTTGGTCTCTGTGGATCCTGGNAGGNTTGGGCAATGGGTCAAAGGTC
 NAGGCACANCCAGTGTGTTTCAGGCTCCAGGGAGGCTCCCAAG

Restriction Sites:

NotI-NotI

ACCN:

NM_017957

Insert Size:

2310 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_017957.1](#), [NP_060427.1](#)

RefSeq Size: 2943 bp

RefSeq ORF: 1899 bp

Locus ID: 55040

UniProt ID: [Q9H201](#)

Cytogenetics: 17q21.33

Domains: ENTH, UIM

Protein Pathways: Endocytosis