

Product datasheet for **SC123912**

Meprin alpha (MEP1A) (NM_005588) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Meprin alpha (MEP1A) (NM_005588) Human Untagged Clone
Tag:	Tag Free
Symbol:	Meprin alpha
Synonyms:	PPHA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_005588, the custom clone sequence may differ by one or more nucleotides

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ATGGCTTGGATTAGATCCACTTGCATTCTCTTTTTACCTTGCTTTTTGCCACATAGCAGCTGTACCGA
TTAAGTATCTTCCTGAAGAAAAATGTACATGATGCAGATTTTGGTGAACAGAAGGATATTTAGAAATCAA
TTTAGCTGCAGGCTTGGACCTCTTTCAAGGGGACATCCTCTTGAGAAATCCAGAAATGGCCTGAGAGAC
CCAAACACCAGGTGGACGTTCCCATTCCTTACATCTTGCTGATAATTTGGGGCTGAATGCTAAAGGAG
CCATTCTGTATGCCTTTGAGATGTTCCGCTCAAGTCTGTGTGGATTTCAAGCCATGAAGGAGAGAG
CTCATATATCATATTTCAACAGTTTGTGGGTGCTGGTCTGAGGTTGGTGACCAACATGTGGGACAGAAC
ATTTCCATTGGCCAAGGATGTGCCTATAAGGCCATCATAGAACACGAGATCCTGCATGCTTTGGGATTTT
ACCACGAGCAGTCAAGGACGGACCGGGATGATTATGTGAACATCTGGTGGGACCAAAATCTTTCCAGTTA
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CGGTGGAGAACACAGGCCCTGGAGGACCATAACTGGCCACAGTACTTCAGAGACCCATGTGACCCAAA
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GAGGCACGGCTGGCGTATCTTCTGACCTTCCATCATCGCCATCCTTTCCAAAGGCCAAGGAAGTG
A
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005588 unedited
 AGAGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACCAGCTCACTTGC
 AGCAATGGCTTGGATTAGATCCACTTGCATTCTCTTTTTACCTTGCTTTTTGCCACAT
 AGCAGCTGTACCAATTAAGTATCTTCTGAAGAAAATGTACATGATGCAGATTTGGTGA
 ACAGAAGGATATTCAGAAATCAATTTAGCTGCAGGCTTGGACCTTTCAAGGGGACAT
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 TCCTTACATCTTGGCTGATAATTTGGGGCTGAATGCTAAAGGAGCCATTCTGTATGCCTT
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 GAACATTTCCATTGGCCAAGGATGTGCCTATAAGGCCATCATAGAACACGAGATCCTGCA
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 GTGGGACCAAATCTTTCAGGTTACCAGCACAACTTTGACACCTATGATGATAGCTTAAT
 CACAGACCTCAATACACCCTATGATTATGAGTCTTTGATGCACTACCAGCCTTTCTCATT
 TAACAAGAAATGCAGTGTCCCACCATCACAGCCAAGATCCCTGAGTTAACTCCATTAT
 CGGACAGCGCCTGGATTTCAAGTCCATTGATTTAGAGAGGCTGAACCGAATGTACAATTG
 CACCACAACCTCACACTCTTTTTGGACCCTGTACCTTTTGAGAAGGCCAACATCTGTGG
 AATGATTCAGGN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005588 unedited
 TTCCCCGGCAGGATTTGCACTAAGGAGCCGTACAGGGATGCCACCCGGGATCTGTTTCAG
 GAAACAGCTATGACCTGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTT
 TGCTAACTCAATATTTATAAATTTATTAAGGCCTTCTCTTAGAATCTCAGAGGAAAGC
 AAATGCTGTGCAGCCTGGCTGCCAGAAGTACCTTTATTTGAAATCTTTAACAAGATCTT
 AAAAGAGTGATGACACTACTGTATCTAATGAAAAATGAGTATTTGATTCTAACATATTCA
 ACATAAGAATTTTCATCATATATATTCAATCTGCAATATAAATGAGAGTTTCTATATCTTA
 GTTATTCAATTTATTGTTTTATTCAATCAACCATTGTTGAGTGCCAAACAATGTGCCA
 GCCATGCATCTAGGCACTGGGGCCAGCACGGTCAATGAGAACAACATGTGCCTGCCCTCA
 TGGAGCTTACAGTCTATAGGAAAGACAGTCAATAAAACAAGTGATTTACAATGAAGTGTG
 ATGAGTGTGTACAGGACACACTAGATACATTAGGAGCACATAGCAAAGTAACATAATT
 ATGTGGGCGAGAGATGACAAGGGTCACACATGGGGCTGGAGGCCTTAGTCCTTGGAGG
 TCCTATCCAAAGCAAGGCTGATAAAAAAGCTGCCCAAACCTGCATTGACCATGGGAAN

Restriction Sites:

NotI-NotI

ACCN:

NM_005588

Insert Size:

3500 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_005588.1](#), [NP_005579.1](#)

RefSeq Size: 2947 bp

RefSeq ORF: 2241 bp

Locus ID: 4224

UniProt ID: [Q16819](#)

Cytogenetics: 6p12.3

Protein Families: Druggable Genome, Protease, Transmembrane