

Product datasheet for **SC336480**

MPND (NM_001300862) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MPND (NM_001300862) Human Untagged Clone
Tag:	Tag Free
Symbol:	MPND
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC336480 representing NM_001300862.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCAGCTCCGGAGCCGCTGTCCCGGGCGGCGGTGCGGGCAGGAGGCGCCGGAGGAGGACGAGGAC
GAAGCGGAGGCCGAGGACCCTGAGCGGCCGAATCGGGAGCGGGCGGTGGACGCACTGGCGGCCGGCGC
AGTAGCGTCAGCGGAGGAGGCGGCGGCGGGCGGGCGGGGCTGCGGCGGGCCCGGGGGCGCG
CTCACCAGGCGCGGTCACACTGCGGGTGTCTCTCAAAGACGCGCTGCTGGAGCCTGGCGCCGGGTG
CTGTCCATCTACTACCTGGGGAAGAAGTTCTGGGCGACCTGCAGCCAGACGGAAGGATCATGTGGCAG
GAGACCGGGCAGACCTTCAACTACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCTGCC
AAGAAGTCGGGCTGTGGCTGGGCTCTGTCAAGTACAAAGGCCAGAACTGGACAAGTACAAGGCCACC
TGGCTCCGGCTGCACCAGCTGCACACGCTGCCACGGCTGCTGATGAGAGCCAGCCAGTGAAGGGGAG
GAGGAGGAGTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCAGGGGTCTCAGCAGAGGACAAGAGT
CGGAGACCACTGGGAAGAGCCCTTCAGAGCCTGCCACCCGAGGCCACAACCCAGGGAAGCGGGTG
GACAGCAAGATCCGGTTCCGGTCCGCTACTGCATGCTGGGCAGCCGCGACTTGGCCAGGAACCCAC
ACCCTGGTGAAGTAACATCCTTTGCAGCCATCAACAAGTTCCAGCCGTTCAACGTGGCTGTTTCTAGC
AACGTGCTGTTCTGCTGGACTTCCACAGTCACTGACACGGAGTGAGGTGCTGGGTTACCTGGGGGC
CGCTGGGACGTCAACAGCCAGATGCTGACGGTGTCTCAGAGCCTTCCCTTGTGCGAGCCGGCTCGGGAC
GCAGAGACTGCAGCTGCCATCGAAGAGGAGATCTACCAGAGCCTGTTCTGCGGGGCTGTCCCTGGTG
GGCTGGTACCACAGCCACCCACAGCCCGGCGCTGCCATCTCTGCAGGACATCGACGCACAGATGGAC
TACCAGCTGCGGCTGCAGGGCTCCAGCAATGGCTTCCAGCCCTGCCTCGCCCTGCTCTGCTCCCTTAC
TATTCTGGCAACCCAGGCCCGAGTCCAAGATCTCGCTTCTGGGTGATGCCTCCTCCGAGCAAAAG
CCAGTGACTATGGCATCCCATGGATGTGGAGATGGCTACGTCCAGGACAGCTTCTGACCAATGAC
ATCCTTACGAGATGATGCTGCTGGTGGAGTTCTACAAGGTTCCCTGACCTCGTGAGGCTCCAGGAA
CCCTGGAGCCAGGAGCACACCTACCTCGACAAGCTTAAGATCTCCTTGGCCAGCAGGACGCCAAGGAC
CAGAGCCTGTGTACGTCTGGAACAGGTGTGCGGCGTCTCAAGCAGGGGAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

ACCN: NM_001300862

Insert Size: 1506 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_001300862.1

RefSeq Size:	1673 bp
RefSeq ORF:	1506 bp
Locus ID:	84954
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	54.2 kDa
Gene Summary:	Probable protease.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) represents the longest transcript and encodes the longest isoform (3).