

Product datasheet for **SC326999**

MPND (NM_001159846) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MPND (NM_001159846) Human Untagged Clone
Tag:	Tag Free
Symbol:	MPND
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326999 representing NM_001159846. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCAGCTCCGGAGCCGCTGTCCCGGGCGGGCGGTGCGGGCGAGGAGCGCCGGAGGAGGACGAGGAC
GAAGCGGAGGCGGAGGACCCTGAGCGGCCGAATGCGGGAGCGGGCGGTGGACGCACTGGCGGCGGGCGG
AGTAGCGTCAGCGGAGGAGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGGGCGG
CTCACCAGGCGCGCGGTCACTGCGGGTGCTCCTCAAAGACGCGCTGCTGGAGCCTGGCGCCGGGGTG
CTGTCCATCTACTACCTGGGAAGAAGTTCTGGGCGACCTGCAGCCAGACGGAAGGATCATGTGGCAG
GAGACCGGGCAGACCTTCACTACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCCCTGCC
AAGAAGTCGGGCTGTGGCTGGGCCTCTGTCAAGTACAAAGGCCAGAACTGGACAAGTACAAGGCCACC
TGGCTCCGGCTGCACCAGCTGCACACGCTGCCACGGCTGCTGATGAGAGCCAGCCAGTGAAGGGGAG
GAGGAGGAGTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCAGGGGTCTCAGCAGAGGACAAGAGT
CGGAGACCACTGGGAAGAGCCCTTCAGAGCCTGCCACCCGAGGCCACAACCCAGGGAAGCGGGTG
GACAGCAAGATCCGGGTTCCGGTCCGCTACTGCATGCTGGGCAGCCGCGACTTGGCCAGGAACCCAC
ACCCTGGTGAAGTAACATCCTTTGCAGCCATCAACAAGTTCCAGCCGTTCAACGTGGCTGTTTCTAGC
AACGTGCTGTTCTGCTGATCTACCAGAGCCTGTTCTGCGGGGCTGTCCCTGGTGGGCTGGTACCAC
AGCCACCCACACAGCCCGCGCTGCCATCTCTGCAGGACATCGACGCACAGATGGACTACCAGCTGCGG
CTGCAGGGCTCCAGCAATGGCTTCCAGCCCTGCCTCGCCCTGCTCTGCTCCCTTACTATTCTGGCAAC
CCAGGCCCCGAGTCCAAGATCTCGCCTTCTGGGTGATGCCTCCTCCCGAGCAAAGGCCAGTGACTAT
GGCATCCCCATGGATGTGGAGATGGCCTACGTCCAGGACAGCTTCTGACCAATGACATCCTTCACGAG
ATGATGCTGCTGGTGGAGTTCTACAAGGTTCCCTGACCTCGTGAAGCTCCAGGAACCTGGAGCCAG
GAGCACACCTACCTCGACAAGCTTAAGATCTCCTTGGCCAGCAGGACGCCCAAGGACCAGAGCCTGTGT
CACGTCTGGAACAGGTGTGCGGCGTCTCAAGCAGGGGAGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI



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ACCN:	NM_001159846
Insert Size:	1356 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001159846.2</u>
RefSeq Size:	1523 bp
RefSeq ORF:	1356 bp
Locus ID:	84954
UniProt ID:	<u>Q8N594</u>
Cytogenetics:	19p13.3
Protein Families:	Druggable Genome, Transcription Factors
MW:	48.6 kDa
Gene Summary:	Probable protease.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks two consecutive alternate exons in the 3' coding region, compared to variant 3. It encodes isoform 2, which lacks an internal in-frame segment and is shorter, compared to isoform 3.