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Product datasheet for SC108356

MPND (NM_032868) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MPND (NM_032868) Human Untagged Clone
Tag:	Tag Free
Symbol:	MPND
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032868, the custom clone sequence may differ by one or more nucleotides

ATGGCAGCTCCGGAGCCGCTGTCCCCGGCGGGCGGTGCGGGCGAGGAGGCGCCGGAGGAGGACGAGGACG
AAGCGGAGGCCGAGGACCCTGAGCGGCCGAATGCGGGAGCGGGCGGTGGACGCAGTGGCGGCGGCGGCAG
TAGCGTCAGCGGAGGAGGCGGCGGCGGCGGGGCCGGGGCGGGGGGCTGCGGCGGGCCCGGGGGCGCGCTC
ACCAGGCGCGCGGTCACACTGCGGGTGCTCCTCAAAGACGCGCTGCTGGAGCCTGGCGCCGGGGTGCTGT
CCATCTACTACCTGGGGAAGAAGTTCCTGGGCGACCTGCAGCCAGACGGAAGGATCATGTGGCAGGAGAC
CGGGCAGACCTTCAACTCACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCCTGCCAAGAAG
TCGGGCTGTGGCTGGGCCTCTGTCAAGTACAAAGGCCAGAAACTGGACAAGTACAAGGCCACCTGGCTCC
GGCTGCACCAGCTGCACACGCCTGCCACGGCTGCTGATGAGAGCCCAGCCAGTGAAGGGGAGGAGGAGGA
GTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCAGGGGTCTCAGCAGAGGACAAGAGTCGGAGACCA
CTGGGGAAGAGCCCTTCAGAGCCTGCCCACCCGGAGGCCACAACCCCAGGGAAGCGGGTGGACAGCAAGA
TCCGGGTTCCGGTCCGCTACTGCATGCTGGGCAGCCGCGACTTGGCCAGGAACCCCCACACCCTGGTGGA
AGTAACATCCTTTGCAGCCATCAACAAGTTCCAGCCGTTCAACGTGGCTGTTTCTAGCAACGTGCTGTTC
CTGCTGGACTTCCACAGTCACCTGACACGGAGTGAGGTCGTGGGTTACCTGGGGGGCCGCTGGGACGTCA
ACAGCCAGATGCTGACGGTGCTCAGAGCCTTCCCTTGTCGGAGCCGGCTCGGGGACGCAGAGACTGCAGC
TGCCATCGAAGAGGAGATCTACCAGAGCCTGTTCCTGCGGGGCCTGTCCCTGGTGGGCTGGTACCACAGC
CACCCACACAGCCCGGCGCTGCCATCTCTGCAGGACATCGACGCACAGATGGACTACCAGCTGCGGCTGC
AGGGCTCCAGCAATGGCTTCCAGCCCTGCCTCGCCCTGCTCTGCTCCCCTTACTATTCTGGCAACCCAGG
CCCCGAGTCCAAGATCTCACCTTTCTGGGTGATGCCTCCTCCCGAGATGCTGCTGGTGGAGTTCTACAAG
GGTTCCCCTGACCTCGTGAGGCTCCAGGAACCCTGGAGCCAGGAGCACACCTACCTCGACAAGCTTAAGA
TCTCCTTGGCCAGCAGGACGCCCAAGGACCAGAGCCTGTGTCACGTCCTGGAACAGGTGTGCGGCGTCCT
CAAGCAGGGGAGCTGA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_032868 unedited
GCGGTTCGGATTTGTATACGACTCATATAGGGCGGCCGCGATTCGGCACGAGGGCCATGG
CAGCTCCGGAGCCGCTGTCCCCGGCGGGCGGTGCGGGCGAGGAGGCGCCGGAGGAGGACG
AGGACGAAGCGGAGGCCGAGGACCCTGAGCGGCCGAATGCGGGAGCGGGCGGTGGACGCA
GTGGCGGCGGCGGCAGTAGCGTCAGCGGAGGAGGCGGCGGCGGCGGGGCCGGGGCGGGGG
GCTGCGGCGGGCCCGGGGGCGCGCTCACCAGGCGCGCGGTCACACTGCGGGTGCTCCTCA
AAGACGCGCTGCTGGAGCCTGGCGCCGGGGTGCTGTCCATCTACTACCTGGGGAAGAAGT
TCCTGGGCGACCTGCAGCCAGACGGAAGGATCATGTGGCAGGAGACCGGGCAGACCTTCA
ACTCACCCAGCGCCTGGGCCACCCACTGCAAGAAGCTGGTGAACCCTGCCAAGAAGTCGG
GCTGTGGCTGGGCCTCTGTCAAGTACAAAGGCCAGAAACTGGACAAGTACAAGGCCACCT
GGCTCCGGCTGCACCAGCTGCACACGCCTGCCACGGCTGCTGATGAGAGCCCAGCCAGTG
AAGGGGAGGAGGAGGAGTTGCTGATGGAAGAGGAGGAGGAGGACGTTCTGGCGGGGGTCT
CAGCAGAGGACAAGAGTCGGAGACCACTTGGGAAGAGCCCTTCAGAGCCTGCCCACCCGG
NAGCCACAACCCCAGGCAGCGGGTGGACAGCAAGATCCGGGTTCCGGGTCGCTACTGCAT
TGCTGGCAGCCGCGACTTGGCAGNAACCCCACACCCTGGTGGAAGTACATCCTTTGCAGN
CATCACCAAGTTCAGCCGTTCACGTGGCTGTTTCTAGCACGTGCTGTTCCTGCTGGACTT
CACAGT
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Restriction Sites: ECoRI-NOT

ACCN: NM_032868

Insert Size: 1650 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_032868.2, NP_116257.2

RefSeq Size: 1530 bp

RefSeq ORF: 1416 bp

Locus ID: 84954

UniProt ID: Q8N594

Cytogenetics: 19p13.3

Domains: JAB_MPN

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: Probable protease.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) lacks an alternate in-frame exon in the 3' coding region, compared to variant 3. It encodes isoform 1, which lacks an internal segment and is shorter, compared to isoform 3.