

Product datasheet for SC102429

MDP1 (NM_138476) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MDP1 (NM_138476) Human Untagged Clone
Tag:	Tag Free
Symbol:	MDP1
Synonyms:	FN6PASE; MDP-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_138476 edited ATGGCGGGCTACCGAAGCTGGCAGTCTTTGATTTGGATTACACTCTCTGGCCTTTCTGG GTCGACACGCACGTAGACCCTCCGTTCCATAAAGAGCAGTGATGGAAGTACGAGATAGG CGGGGCCAAGACGTCCGACTGTACCCAGAGGTGCCTGAGGTCCTAAAACGATTGCAGAGC CTTGGGGTGCCCGGTGCGGCTGCTTCAAGGACAAGTGAGATAGAAGGGGCCAACCAGCTA CTGGAGCTCTTTGACCTTTCAGGTACTTTGTTTCATCGGGAAATCTATCCAGGCAGCAAG ATCACACACTTTGAGAGGTTGCAGCAGAAGACTGGAATTCCTTTCTCCAGATGATCTTC TTTGATGATGAGAGGCGGAATATTGTAGACGTCAGCAAAGTGGGTGTACCTGCATTAC ATCCAGAATGGAATGAATCTTCAAAGTCAAGGTTAGAGACATTTGCGAAGGCC CAAAGTGGCCTTTGAGGTCCAGCCTTGAGGAGAGCCCATTTGAGGCCTAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_138476 unedited CACGAGGGAAAGCCCCACCTCTGCTGCGCGCAGCCTGCGGTGCGGGTCATGGCGCGGCTAC CGAAGCTGGCAGTCTTTGATTTGGATTACACTCTCTGGCCTTTCTGGGTGACACGCACG TAGACCCTCCGTTCCATAAAGAGCAGTGATGGAAGTACGAGATAGGCGGGGCCAAGACG TCCGACTGTACCCAGAGGTGCCTGAGGTCCTAAAACGATTGCAGAGCCTTGGGGTGCCCG GTGCGGCTGCTTCAAGGACAAGTGAGATAGAAGGGGCCAACCAGCTACTGGAGCTCTTTG ACCTCTTCAGGTACTTTGTTTCATCGGGAAATCTATCCAGGCAGCAAGATCACACACTTTG AGAGGTTGCAGCAGAAGACTGGAATTCCTTTCTCCAGATGATCTTTGATGATGAAA GGCGGAATATTGTAGACGTCAGCAAAGTGGGTGTACCTGCATTACATCCAGAATGGAA TGAATCTTCAAAGTCAAGGTTAGAGAACATTTGCGAAGGCCCAAAGTGGGCT TTGAGGTCCAGCCTTGAGGAGAGCCCATTTGAGGCCTAAAGTGAAGGAAATCAAGAAGG CATTTTCAGGTGCATTTGTAATTTATTAAGTTTCATCTGTGTGTGACAGAA
Restriction Sites:	NotI-NotI
ACCN:	NM_138476



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Insert Size:	1000 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:	<ol style="list-style-type: none">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_138476.2 , NP_612485.2
RefSeq Size:	731 bp
RefSeq ORF:	531 bp
Locus ID:	145553
UniProt ID:	Q86V88
Cytogenetics:	14q12
Gene Summary:	Magnesium-dependent phosphatase which may act as a tyrosine phosphatase. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).