

Product datasheet for **SC329572**

MDP1 (NM_001199821) Human Untagged Clone

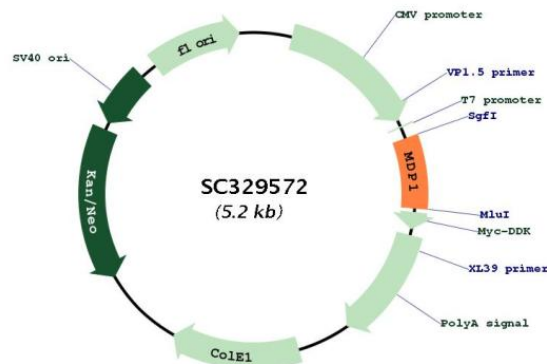
Product data:

Product Type: Expression Plasmids
 Product Name: MDP1 (NM_001199821) Human Untagged Clone
 Tag: Tag Free
 Symbol: MDP1
 Synonyms: FN6PASE; MDP-1
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC329572 representing NM_001199821.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGCGGCTACCGAAGCTGGCAGTCTTTGATTGGATTACACTCTCTGGCCTTTCTGGGTCGACACG
CACGTAGACCCTCCGTTCCATAAGAGCAGTGATGGAAGTACGAGATAGGCGGGGCCAAGACGTCCGA
CTGTACCCAGAGGTGCCTGAGGTCTAAAACGATTGCAGAGCCTTGGGGTGCCCGGTGCGGCTGTTCA
AGGACAAGTGAGATAGAAGGGGCCAACCCAGCTACTGGAGCTCTTTGACCTCTTCAGGTGTTACCTGCAT
TCACATCCAGAATGGAATGAATCTTCAAACCTAAAGTCAAGGGTTAGAGACATTTGCGAAGGCCAAAC
TGGGCCTTTGAGGTCCAGCCTTGA
```

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001199821



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Insert Size:	369 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:	<u>NM_001199821.1</u>
RefSeq Size:	620 bp
RefSeq ORF:	369 bp
Locus ID:	145553
UniProt ID:	<u>Q86V88</u>
Cytogenetics:	14q12
MW:	14 kDa
Gene Summary:	<p>Magnesium-dependent phosphatase which may act as a tyrosine phosphatase. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site and lacks an alternate exon, which results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a distinct and shorter C-terminus, compared to isoform 1.</p>