

## Product datasheet for **SC321791**

### **MPPED2 (NM\_001584) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	MPPED2 (NM_001584) Human Untagged Clone
Tag:	Tag Free
Symbol:	MPPED2
Synonyms:	239FB; C11orf8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_001584.1  
 TGCAGAGAGAAAGAGAAATGCACAGCGGTATTGATGAGTAGATCCTTGGATTCAGAGGTT  
 GGCTGAAACGCACCATGCCTGCTTCCATCTTTTGTCTGTAAAGTTGTGAATTGCTCATG  
 CCTATAGGGAGGAAGGATGGCACATGGGATTCCTTCTCAAGGCAAAGTTACCATAACGGT  
 GGATGAGTACAGCTCAAACCCACCCAGGCATTACGCACTACAACATCAACCAGAGCAG  
 ATTCCAGCCTCCACATGTACATATGGTCGACCCCATCCCATATGACACTCCAAAACCCAGC  
 GGGCCACACGCGGTTTGTCTGCATCTCAGACACACACTCCAGAACAGATGGTATCCAGAT  
 GCCTTATGGGGACATCCTTCTCCACACAGGCGATTTACCGAGCTGGGACTGCCCTCAGA  
 GGTTAAGAAGTTTAAATGACTGGTTAGGAAACCTGCCATATGAATATAAAATAGTGATTGC  
 TGGGAATCATGAACTGACATTTGATAAGGAATTCATGGCAGACCTTGTTAAACAGGACTA  
 CTACCGTTTCCCCTCTGTGTCCAAATTGAAACCAGAGGACTTTGACAATGTTTCAGTCCCT  
 CCTGACAAACAGTATTTACTTACAAGATTCGGAGGTAACAGTGAAGGGATTTCAGGATATA  
 CGGTGCACCTTGGACCCCGTGGTTAATGGATGGGGCTTAACTACCCAGAGGTCAGTC  
 TCTGCTGGACAAGTGGAACTCATCCCTGAGGGCATTGACATACTCATGACACATGGACC  
 TCCTCTAGGTTTTCGAGACTGGGTTCCAAGGAGCTTCAAAGAGTGGGCTGTGTGGAGCT  
 GTTAAACACGGTTTCAGAGGCGAGTCCGGCCCAAGCTCCATGTGTTTGGTGAATCCATGA  
 AGGTTATGGCATCATGACCGACGGTTACACAACGTACATCAATGCCTCGACGTGTACAGT  
 CAGCTTTCACCCGACCAACCCCTCCAATTATTTGACCTTCAAACCCACAGGGTTCCCTG  
 AAGCTCTAAATGCCCTATTGGAATGTGAGGGAAGGTCTATAAACTGCCATTTTTCTAATT  
 AATAACTTACATCTCTTACTTATTTACAACCCCTGTGAGTCTTTTTGTAAATTGTTGG  
 AACACAAATGATGCTAGAGGTTGTGCTTCTTATTTTATTTTAAATGGGGCATCCA  
 TTTGAAATCAGAGGAACATTGTGAATTTGAAAATGACTTCTGTTTTCTCAAAGGCCATG  
 CCATTGTAATTTAGTGTTCGCCAAAGGACAGCCAAGCTTTCTTTAAAAAGTGATAA  
 AAGTCTTATTTTAAATATGCTTTAAGCTGAAAGAAAAAATAAGAAACAGGCAGTGTTT  
 TAAAAACCAACACAGATTTGCACAACCTGTTAAGAGTATTGTTTGAATATTTAATTTT  
 CAATGTTTTGTTGTTGTTTCTTGGTAATGCTTCTTTTTGCAGATGGTCCCAAT  
 TTATAGCAATCTTCTCAACAGAAGTAGGCATGGAAAAGACTTCTTTTCATACTCTCACTA  
 TAAAGAAAGCTGCATTGAGAAGAAAATGGCTGTCATTTAAAGGATGGTTAACTAGTGAG  
 ATTCTATTGTGGTTATAACAAGGCTCATTGTTTGTGTTTCTTTTAAATATTTTCAGC  
 TTTAAAAATACAGAAATGGAATCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_001584

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001584.1</a> , <a href="#">NP_001575.1</a>
<b>RefSeq Size:</b>	2272 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	744
<b>UniProt ID:</b>	<a href="#">Q15777</a>
<b>Cytogenetics:</b>	11p14.1
<b>Domains:</b>	Metallophos
<b>Gene Summary:</b>	<p>This gene likely encodes a metallophosphoesterase. The encoded protein may play a role a brain development. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2009]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the longer isoform (1).</p>