

## Product datasheet for MC207929

### Ppm1l (NM\_178726) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ppm1l (NM_178726) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ppm1l
Synonyms:	3222401G13; 5930404J21Rik; AI481720; AW045850; mKIAA4175; PP2C; Pp2ce; PP2Cepsilon; Ppp2ce
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC207929 representing NM_178726 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATAGAGGATACAATGACTTTGCTGTCTCTGCTGGGTCGCATCATGCGCTACTTCTTACTGAGACCCG  
AGACGCTTTTCTGCTGTGCATCAGCTTGGCTCTCTGGAGTTACTTCTCCACACGGACGAAGTGAAGAC  
CATCGTTAAGTCTAGCCGGGACCGGTGAAGATGGTGAAGGGCAAGGTGGCCGAGATTATGCAGAACGAT  
CGTCTTGGAGGACTTGATGTGCTGGAGGCCGAGTTTTCCAAGACCTGGGAATCAAGAGCCATAATGTGG  
CGGTGACTCCATCCAGGGCCGGAGAGACCACATGGAAGATCGTTCGAAGTTCTCACCGATCTAGCCAA  
CAAGACGCACCCGTCCATCTTCGGAATCTTTGATGGGCACGGCGGAGACTGCAGCGGAATATGTAAAA  
TCTCGACTCCCAGAGGCTCTTAAGCAGCACCTTCAGGATTATGAGAAGGACAAAGAAAACAGTGTCTGA  
CCTACCAGACCATCCTCGAGCAGCAGATCTTGTCAATTGACCGGAAATGCTGGAAAAGTTGACAGTCTC  
CTATGATGAAGCAGGCACAACGTGTTGATCGCTCTACTCTCAGATAAAGACCTCACCGTGGCCAACGTT  
GGTGACTCTCGGGGAGTCTTGTGTGACAAAAGATGGCAATGCCATCCCCTTGTCTCACGATCACAAGCCTT  
ACCAGCTGAAGGAAAGGAAGAGGATAAAGAGAGCTGGTGGGTTTCATCAGCTTTAATGGCTCCTGGAGGT  
CCAGGGAATCCTAGCCATGTCTCGATCCCTGGGAGACTATCCACTGAAAAATCTCAACGTGGTCAATCCCA  
GACCCAGACATCTTGACCTTTGACCTGGACAAGCTGCAGCCGAGTTCATGATCTTGGCCTCAGATGGCC  
TGTGGGATGCTTTAGCAATGAAGAAGCGGTTTCGATTTCATCAAGGAGCGCTTGGATGAGCCCCACTTTGG  
GGCCAAAAGCATCGTCTGCAGTCTTTTACAGAGGCTGCCCTGACAACATCACTGTCATGGTGGTGAAG  
TTCAGGAATAGTAGCAAAACAGAAGAGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_178726
Insert Size:	1083 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"><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>
RefSeq:	<a href="#">NM_178726.3</a> , <a href="#">NP_848841.2</a>
RefSeq Size:	3962 bp
RefSeq ORF:	1083 bp
Locus ID:	242083
UniProt ID:	<a href="#">Q8BHN0</a>
Cytogenetics:	3 E1
Gene Summary:	Acts as a suppressor of the SAPK signaling pathways by associating with and dephosphorylating MAP3K7/TAK1 and MAP3K5, and by attenuating the association between MAP3K7/TAK1 and MAP2K4 or MAP2K6.[UniProtKB/Swiss-Prot Function]