

Product datasheet for **RG225316**

PPM1M (NM_001122870) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPM1M (NM_001122870) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PPM1M
Synonyms:	PP2C-eta; PP2CE; PP2Ceta
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG225316 representing NM_001122870 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**

ATGGGCGGCTGCACAGCCCTGGTGGCTGTGTCCCTGCAGGGAAAGCTGTACATGGCCAATGCTGGGGATA
GCAGGGCCATCTTGGTGCAGGAGATGAGATACGGCCACTGAGCTTCGAGTTCACCCCAGAGACTGAGCG
GCAGCGGATCCAGCAGCTGGCCTTTGTCTATCCTGAGCTTCTGGCTGGTGGAGTTCACCCGACTGGAGTTC
CCTCGGCGGCTGAAGGGGATGACTTGGGACAGAAGGTTTGTTCAGGGATCACCACATGAGTGGCTGGA
GCTACAAACGTGTGGAGAAATCGGATCTCAAGTACCCACTGATCCATGGACAGGGTAGGCAGGCTCGGTT
ACTAGGAACACTGGCTGTCTCCCGGGCCCTGGGAGACCATCAGCTCAGAGTCTGGACACAAACATCCAG
CTCAAGCCCTTCTGCTCTGTGCCACAGGTGACTGTGCTGGATGTGGACCAGCTGGAGCTACAGGAGG
ATGATGTGGTTGTGATGGCAACTGATGGACTCTGGGATGTACTGTCCAACGAGCAGGTGGCATGGCTGGT
GCGGAGCTTCTCCCTGGGAACCAAGAGGCCACACAGGTTCTCAAAGCTGGCCAGATGCTGATACAC
AGCACACAGGGAAAGGAAGACAGTCTCACAGAGGAAGGGCAGGTGTCTACGATGACGTCTCTGTGTTCC
TGATTCCTTGCACAGTCAGGGCCAAGAGAGCAGTGACCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG225316 representing NM_001122870
 Red=Cloning site Green=Tags(s)

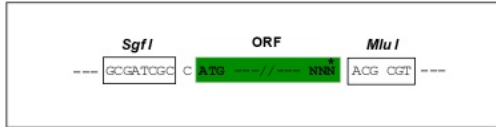
MGGCTALVAVSLQGKLYMANAGDSRAILVRRDEIRPLSFEFTPETERQRIQQALFVYPELLAGEFTRLEF
 PRRLKGDDLQKVLFRDHHMSGWSYKRVEKSDLKYPLIHGQGRQARLLGTLAVSRGLGDHQLRVLDTNIQ
 LKPFLLSVPQVTVLVDVQLELQEDDVVVMATDGLWDVLSNEQVAWLVRSLPQEDPHRF SKLAQMLIH
 STQ GKEDSLTEEGQVSYDDVSVFVIPLHSQGQESSDH

TRTRPLE - GFP Tag - V

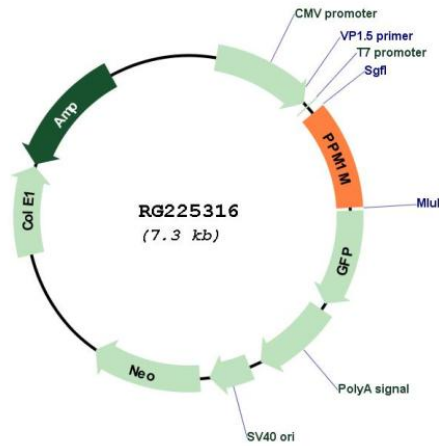
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_001122870

ORF Size: 741 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001122870.3
RefSeq Size:	1799 bp
RefSeq ORF:	744 bp
Locus ID:	132160
UniProt ID:	Q96MI6
Cytogenetics:	3p21.2
Protein Families:	Druggable Genome, Phosphatase