

Product datasheet for **SC311992**

MTMR1 (AK055513) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTMR1 (AK055513) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTMR1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AK055513, the custom clone sequence may differ by one or more nucleotides ATGTCCTTTTTTACGTTTAGAATAGTCACCCGAGGGGGGATCAGCTCAACTGTACTGTGG GAGAAATCTTTTTCCAACAAACCTCATGCTCGTTTTTCTGTGGTGCAATTTCAAGGGCAA CGTGTCTGTCTCACCTCACTCTGGTACTCGCCTCTTGGGGCGGCTCAGCCCATTATG GGGATGGACCAAGCGGCCATGCTCAGTCCAGCCCGCTGAGGGTAAACCGAGGCCT CTGGCAGCTGTGCACAGGTGCTGGCCTCTGGCTCCTTCAAGGAGCACTGCCTGTCACTCG CTCCTGGGCTGTCTAGCCATGTCTCCACCCCACTTTACCGCAGCCAGCTGCTGGGATC AAAGCAAGTCTGTTCTTATGTTATTTGCCTGTA
Restriction Sites:	Please inquire
ACCN:	AK055513
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).
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.



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RefSeq:	AK055513.1
RefSeq Size:	2128 bp
RefSeq ORF:	2128 bp
Locus ID:	8776
Cytogenetics:	Xq28
Protein Families:	Druggable Genome, Phosphatase
Protein Pathways:	Fructose and mannose metabolism, Metabolic pathways, Riboflavin metabolism, Thiamine metabolism
Gene Summary:	This gene encodes a member of the myotubularin related family of proteins. Members of this family contain the consensus sequence for the active site of protein tyrosine phosphatases. Alternatively spliced variants have been described but their biological validity has not been determined. [provided by RefSeq, Jul 2008]