

Product datasheet for RN213510

Mpst (NM_138843) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Mpst (NM_138843) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Mpst
 Synonyms: Mst
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN213510 representing NM_138843
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGCCCCACAGCTTTCCGAGCTCTGGTATCTGCTCAGTGGGTGGCGGAGGCTCTGAAATCCCCTC
 GCGCCTCTCAGCCGCTGAAGTTACTGGATGCGTCTGGTACCTACCCAAGCTGGCCGCGATGCGCGACG
 CGAGTTTGAGGAGCGCCACATCCCGGGCGCCGCTTCTTTGACATCGATCGTTGCAGCGACCACACATCG
 CCCTACGACCACATGCTGCCTAGTGCCACGCATTCGCCGACTACGCGGGCAGCTTGGGCGTGAGTGCCG
 CTACACACGTCGTGATCTACGACGGCAGCGACCAGGGCCTCTATTCCGCTCCGAGGGTCTGGTGGATGTT
 CCGCGCCTTCGGCCACCACTCTGTGTGCTGGTGGACGGCGGCTCCGCTATTGGCTGAGCCAGAACCTG
 CCAATTAGCTCTGGCAAAGCCCTCGAACCTGCGGAGTTCTGCGCGCAGCTCGATCCCTCCTTCATCA
 AGACCCACGAGGATATCCTGGAGAACTGGATGCCCGGCGCTCCAGGTAGTGGACGCCCGCAGCTGG
 CCGTTTCCAAGGCACACAGCCAGAACCCCGAGATGGCATCGAACCTGGACACATCCCTGGCTCAGTAAAC
 ATCCCATTCACTGAATTCCTGACCAGTGAAGTCTGGAGAAGAGCCAGAGGAGATCCAACGCCTGTTCC
 AGGAGAAGAAGGTGGACCTGTCCAAGCCCTTGGTAGCCACATGCGGCTCCGGTGTACAGCCTGCCACGT
 GGTCTGGGGGCTTCTCTGTGGCAAACCCGATGTCCTGTCTACGATGGCTCCTGGGTGGAGTGGTAC
 ATGCGTGCCCAACCGGAGCACGTCTCTCAGGGCCGGGGAAGACCCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_138843
 Insert Size: 894 bp



[View online »](#)

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:	NM_138843.1 , NP_620198.1
RefSeq Size:	1304 bp
RefSeq ORF:	894 bp
Locus ID:	192172
UniProt ID:	P97532
Cytogenetics:	7q34
Gene Summary:	catalyzes the formation of thiocyanide and pyruvate [RGD, Feb 2006]