

Product datasheet for **MC207957**

Msrb3 (NM_177092) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msrb3 (NM_177092) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msrb3
Synonyms: D430026P16Rik; I-8-23; MsrB2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207957 representing NM_177092
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGCCTTCAACCTGCTGCACTTGGTGACGAAGAGCCAGCCCGTGGCCCGAGAGCCTGCGGGCTCC
CCTCAGGGTCATGTAGGGATAAAAAGAAGTGAAGGTGGTCTTTCCAGCAGGAACTGAGGAAGCGGCT
GACACCCCTACAGTACCATGTCACCTCAGGAGAAAGGAAGTGAAGTGCCTTTGAAGGAGAGTACACACAT
CACAAAGATCCTGGAATATATAAATGTGTGTCTGTGGAAGTCCGTTGTTCAAGTCAGAAACCAATTTG
ACTCTGGTTCAGGCTGGCCTGCCTTCCATGATGTGATCAGTTCGGAGGCCATCGAGTTCACAGATGACTT
TTCTACGGGATGCACAGGGTGGAAACCAGCTGTTCTCAGTGTGGTGCTCATCTCGGGCACAATTTTGAC
GATGGACCTCGTCCGACCGGCAAAGATACTGCATCAACTCAGCATCCTTGTCTTCACTCCTGCAGACA
GCAGTGAAGCAGAAGGAAGCGGCATCAAAGAGAGCGGCAGCCAGCAGCAGCAGAGCTGAGCTGTA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177092
Insert Size: 561 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).



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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:	<u>NM_177092.4</u> , <u>NP_796066.1</u>
RefSeq Size:	3723 bp
RefSeq ORF:	561 bp
Locus ID:	320183
UniProt ID:	<u>Q8BU85</u>
Cytogenetics:	10 D2
Gene Summary:	Catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine. [UniProtKB/Swiss-Prot Function]