

Product datasheet for **MC207836**

Msra (NM_026322) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msra (NM_026322) Mouse Untagged Clone
Tag: Tag Free
Symbol: Msra
Synonyms: 2310045J23Rik; 6530413P12Rik; MSR-A
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207836 representing NM_026322
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCTCCGCTCTAGAAGGGCTCTCCAGCTCCTCTCTAGCGCCAACCCGGTACGGAGGATGGGCGACT
CAGCTTCGAAAGTCATCTCCGCAGAGGAAGCCTTGCCGGGACGCACCGAGCCGATCCCTGTAACAGCCAA
ACACCATGTCAGTGGCAACAGAACGGTTGAACCTTCCAGAGGGAACACAGATGGCTGTATTTGGAATG
GGCTGCTTCTGGGGAGCTGAGCGCAAGTCTGGGTCTTGAAAGGAGTGTACTCAACCCAAGTGGGCTTTG
CAGGAGGCCACACACGCAATCCCACCTACAAAGAGGTCTGCTCAGAAAAAACTGGCCACGCCGAAGTCGT
CCGGGTTGTACCGGCCAGAGCACATCAGCTTTGAGGAACTGCTCAAGGTCTTCTGGGAGAATCACGAC
CCGACCCAAGGCATGCGCCAAGGCAATGACTTTGGTACACAGTACCGGTACGAGTCTATCCCACATCCG
CCGTGCAGATGGAAGCAGCCCTGAGATCCAAGGAAGAATACCAAAAGGTTCTTTCAAAGCATAACTTTGG
CCCCATCACCACCGACATCCGAGAGGGACAAGTGTCTACTATGCCGAAGACTACCACCAGCAATACCTG
AGCAAGAACCAGACGGCTACTGTGGCTCGGGGGTACTGGAGTTTCTGCCCGATGGCCATTAATAA
AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_026322
Insert Size: 702 bp



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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_026322.4 , NP_080598.2
RefSeq Size:	1880 bp
RefSeq ORF:	702 bp
Locus ID:	110265
UniProt ID:	Q9D6Y7
Cytogenetics:	14 33.36 cM
Gene Summary:	Has an important function as a repair enzyme for proteins that have been inactivated by oxidation. Catalyzes the reversible oxidation-reduction of methionine sulfoxide in proteins to methionine (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (1).