

Product datasheet for **RN204034**

Msra (NM_053307) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Msra (NM_053307) Rat Untagged Clone
Tag: Tag Free
Symbol: Msra
Synonyms: MGC93315
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN204034 representing NM_053307
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTCTCCGCCTCCAGAAGGACTCTCCAGCTCCTCTCCAGCTCCATCCCGGTACGGATGATGGGCGACT
CATCTTCGAAGGTCATCAGCGCGGAGGAAGCTTTGCCAGGACGCACAGATCGATCCCCGTAGCAGCCAA
ACACCATGTCAGTGGCAACAGAACGGTTGAACCTTTCCAGAGGGAACACAGATGGCTGTATTTGGAATG
GGCTGCTTCTGGGAGCTGAGCGCAAGTTCTGGCTCTTGAAAGGAGTGTATTCAACCCAAGTGGGTTTCG
CAGGAGGCTACACACGCAATCCCACCTACAAAGAGGTCTGCTCAGAAAAAACCGGTCACGCAGAAGTCGT
CCGGGTTGTACCGGCCAGAGCACGTCAGCTTTGAGGAGCTGCTCAAGGTCTTCTGGGAGAATCACGAC
CCGACCCAAGGGATGCGCCAAGGCAATGACTGTGGCACGCAGTATCGATCGGCGGTCTATCCCACCTCCG
CCGTGCAGATGGAAGCTGCCCTGAAATCCAAGGAGGAGTACCAGAAGGTTCTTTCAAAGCATGGCTTTGG
CCCCATCACCACCGACATCCGAGAGGGACAAGTGTCTACTACGCCGAAGATTACCACCAGCAATACCTG
AGCAAGAACCAGACGGCTACTGTGGCCTTGGGGGCAC TGGGGTTTCTGTCCCACGGCCATTA AAAAGT
AA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053307
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_053307.2 , NP_445759.1
RefSeq Size:	1348 bp
RefSeq ORF:	702 bp
Locus ID:	29447
UniProt ID:	Q923M1
Cytogenetics:	15p12
Gene Summary:	catalyzes the reduction of methionine sulfoxide to methionine in proteins [RGD, Feb 2006]