

Product datasheet for MC206974

Msra (BC014738) Mouse Untagged Clone

Product data:

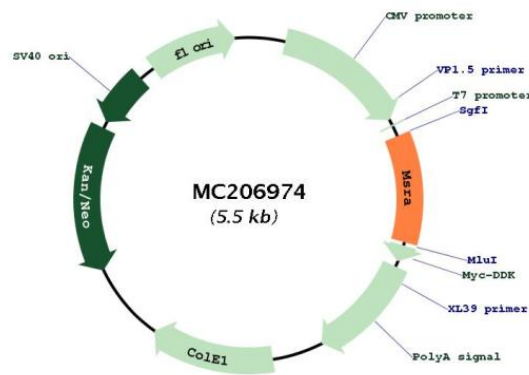
Product Type:	Expression Plasmids
Product Name:	Msra (BC014738) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Msra
Synonyms:	6530413P12Rik, MSR-A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206974 representing BC014738. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTCTCCGCTCTAGAAGGGCTCTCCAGCTCCTCTAGCGCCAACCCGGTACGGAGGATGGCGGAC
TCAGCTTCGAAAGTCATCTCCGCAGAGGAAGCCTTGCCGGGACGCACCGAGCCGATCCCTGTAACAGCC
AAACACCATGTCAGTGGCAACAGAACGGTTGAACCTTTCCAGAGGGAACACAGATGGCTGTATTTGAA
AAAAGTGGCCACGCCGAAGTCGTCGGGTTGTGTACCGGCCAGAGCACATCAGCTTTGAGGAACTGCTC
AAGGTCTTCTGGGAGAATCACGACCCGACCAAGGCATGCGCCAAGGCAATGACTTTGGTACACAGTAC
CGGTCAGCAGTCTATCCACATCCGCCGTGCAGATGGAAGCAGCCCTGAGATCCAAGGAAGAATACCAA
AAGGTTCTTTCAAAGCATAACTTTGGCCCCATCACCACCGACATCCGAGAGGGACAAGTGTCTACTAT
GCCGAAGACTACCACAGCAATACCTGAGCAAGAACCAGACGGCTACTGTGGCCTCGGGGTACTGGA
GTTTCTGCCCGATGGCCATTAATAAATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: BC014738

Insert Size: 582 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).

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:

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: [BC014738](#)

RefSeq Size: 1300 bp

RefSeq ORF: 581 bp

Locus ID: 110265

Cytogenetics: 14 33.36 cM

MW: 21.6 kDa

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]