

Product datasheet for **MC204195**

Mras (NM_008624) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mras (NM_008624) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mras
Synonyms: 2900078C09Rik; AI326250
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC024389
 AGATCCAAGCCAGGCCAGCAGTAAAGAGTCATCTGTCCCAGGCCACCACGCCCTAGGATCATAGACAAG
 ATGAAAAGAGCCAAGGAGGCAGCCATTGACCAGGGCAGAACCATCCTGAGGCCTGACTACCAGAAACATG
 GCGACCAGCGCTGTTCCAAGTGA AACCTTCCACATATAAACTAGTAGTGGTGGAGATGGTGGTGTGG
 GCAAGAGTGCGCTCACTATTCAGTTTTTCCAGAAGATCTTTGTGCCTGACTACGACCCCACCATTGAAGA
 CTCCTACCTGAAGCATACAGAGATTGACAATCAGTGGGCCATCTTGGATGTTCTGGACACAGCCGGGCAG
 GAGGAGTTCAGTGCCATGCGGGAACAATACATGCGCACAGGGGATGGCTTCCTCATTGTCTACTCCGTCA
 CCGACAAGGCCAGCTTCGAGCACGTGGACCGCTTCCACCAGCTCATTCTGCGTGTCAAGGACAGGGAGTC
 ATTCCCAATGATCCTCGTGGCCAACAAGGTGGATCTGATGCACCTAAGGAAAGTCACCAGGGACCAAGGA
 AAAGAAATGGCAACCAAAATACAATATCCCATATATAGAGACCAGTGCCAAGGACCCGCTCTCAACGTGG
 ATAAAACCTTCCATGACCTAGTTAGAGTAATTAGGCAACAGGTTCCAGAGAAAAACCAGAAGAAGAAAA
 GAAGACAAAAATGGCGAGGAGACAGGGCCACCGGCACTCACA AACTGCAGTGTGTCATCTTGTGACAGCCT
 GAAGCCCTGGGCATAGCAACCGTGA AACTGCCAGCCCTGGGACCAGCCCACTGCCTAACTGCACTGAGAA
 CCACTTCTAACTACAGCCCTTGGCTCTGGACTGGGCATTGGAAGGGAATGAGGGAGGAGGGGGCAGAAGC
 AGGCCGGGGCTGGCTTTGCTGCCTCTCCAGGAGACAGGGCTACAGCTTCCAAACCTTTTGTGTGTGAC
 TGAGCCAGTTC CAGTCTTTGGTGGGCTTGTTCCTTTAACTCCATAGGGCTGGTTTGTATGGAAGT
 GCTTACCACATACAACGCACCAGACAAGCCATGAGCAAGCTTCTCCCTGTCCCATCCCCAGTGTCTGA
 GCTCTTGTGCTTTTGTAGATTTTTAAATATTTGAGTAATGATTATTTTATTAAGAGGCTGTGCCCA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008624
Insert Size: 627 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:	<u>BC024389</u> , <u>AAH24389</u>
RefSeq Size:	1205 bp
RefSeq ORF:	627 bp
Locus ID:	17532
UniProt ID:	<u>O08989</u>
Cytogenetics:	9 E3.3
Gene Summary:	May serve as an important signal transducer for a novel upstream stimuli in controlling cell proliferation. Weakly activates the MAP kinase pathway (By similarity).[UniProtKB/Swiss-Prot Function]