

Product datasheet for **MC205757**

Oas1g (NM_011852) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Oas1g (NM_011852) Mouse Untagged Clone
Tag: Tag Free
Symbol: Oas1g
Synonyms: AI449562; L; L2; Mmu-; Mmu-L; Mmu-L2; O; Oas1b; Oj; Oias-1; Oias1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018470
 CAGGAAGCTCCAGACTTAGCATGGAGCAGGACTCAGGAGCATCCCAGCCTGGAAGCTGGACAAGTTCAT
 AGAGGATTACCTCCTTCCCGACACCACCTTTGGTCTGATGTCAAATCAGCCGTCATATGCTGTGTGAT
 TTCCTGAAGGAGAGATGCTTCCAAGGTGCTGCCACCCAGTGAGGGTCTCCAAGGTGGTGAAGGGTGGCT
 CCTCAGGCAAAGGCACCACACTCAAGGGCAAGTCAGACGCTGACCTGGTGGTGTCTTAAACAATCTCAC
 CAGCTTTCAGGATCAGTTAAACCGACGGGGAGAGTTTCATCAAGGAAATTAAGAAACAGCTGTACGAGTT
 CAGCATGAGAGACATTTTAGAGTCAAGTTTGGAGTCCAGAGTTCATGGTGGCCCAACGCCGGTCTCTGA
 GCTTCAAGATGAGCGCCCCCATCTGCATCAGGAGGTGGAGTTTGTATGTGCTTCCAGCCTTTGATGTCT
 GGGTCATGGTAGTATCAATAAGAAGCCTAATCCCTTAATCTACACCATCCTCATCTGGGAATGTACCTCC
 CTGGGGAAGGATGGCGAGTTCTCTACCTGCTTCACGGAGCTCCAGCGGAACCTTCTGAAGCAGCGCCCAA
 CCAAGCTGAAGAGTCTCATCCGCCTGGTCAAGCACTGGTACCAACTGTGTAAAGGAGAAGCTGGGGAAGCC
 ACTGCCCCACAGTATGCCCTGGAGCTACTCACTGTCTATGCCTGGGAACAGGGGAATGGATGTAATGAG
 TTCAACACAGCCAGGGCTTCCGGACCGTCTTGGAACTGGTCATCAATTACCAGCATCTTGAATCTACT
 GGACAAAGTATTATGACTTTCAACACAAGGAGGTCTCAAATACCTGCACAGACAGCTCAGAAAAGCCAG
 GCCTGTGATCCTGGACCCAGCTGACCCAACAGGGAATGTGGCCGGTGGGAACCCAGAGGGCTGGAGGCGG
 TTGGCTGAAGAGGCTGATGTGTGGCTGTGGTACCCATGTTTTATGAAAAACGATGGTTCCCGAGTGAGCT
 CCTGGGATGTGCCGACGGTGGTTCCTGTACCTTTGAGCAGGAGGAGGAGAACTGGACATGTATCCTGT
 GTGAGCACAGCAGCACCTGCCAGGAGACTGCTGGTCAAGGATTTGCTGCTCTGCTGCAGGCCATGTTTACTCC
 CCCAGTGAGGCAGGGCCACCTGGCATCAGACTCCGTGCTTCTGATGCCTGCCAGCCATGTTTACTCC
 TGTCCAATCACAGCCAGCCTTCTCAACAGATTCAAGAAGGAGAAGAAAGAACACACGCTTGGTGTCCATC
 TGTCCACCTGTTGGAAGTCTGTCTGACAAAAGTCTGATCAACAATAAACACAGCAGGTGCCGTA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_011852
Insert Size: 1104 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:	BC018470 , AAH18470
RefSeq Size:	1443 bp
RefSeq ORF:	1104 bp
Locus ID:	23960
Cytogenetics:	5 60.65 cM
Gene Summary:	<p>This gene encodes a member of the oligoadenylate synthetase family of proteins. This gene and several other family members are present in a gene cluster on chromosome 5. These proteins are believed to function in antiviral immunity through binding to viral dsRNA and subsequent synthesis of 2'-5'-oligoadenylates. The expression of this gene has been shown to be induced by interferon. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Nov 2014]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript and encodes the protein.</p>