

Product datasheet for MC201897

Oas1d (NM_133893) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oas1d (NM_133893) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oas1d
Synonyms:	AA536864; C85127; oas18
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC052835 sequence for NM_133893
AAGAGGTAATCCAACACTCCTGGCCTCAGGATGGCGAGGGAACCTCTTCAGAACCCCAATCTGGAGGCTGG
ATAAGTTCATAGAGGATCAACTCCTTCCCTGACACCACCTTCCTTACTGAGCTCAGAGCAGACATCGACTC
CATAAGTGCTTTTCTGATGGAGAGATGCTTCCAAGGTGCCGCCATCCTGTGAGGGTCTCCAGGGTTGCG
ATGGGTGGCTGCTACAATGAATACACTGTGCTCAAGGGCAGGTCTGAGGCCAACATGGTGGTGTTCCTTA
TCAATCTCACAAGCTTTGAGGATCAGTTCAACGGACAGGTAGTGTTCATTGAGGAAATTTGGAGACACCT
ACTCCAGTTGCAGCAAGAGAACTATGTAACTCAAGTTTGGAGTCCAGAGCCCAAGGAGGCCAACTCC
AGGTTTCTGAGCTTCAAGCTGAGCTGCCCGAGCGCCAGCATGAGTTGGAATTTGATGTGCAGCCAGCCT
ATGATGCCCTGTATGAAGTAAGACACTTCAAGCCCTTTGACTCCAGTAACTACAACAAAGTCTACGCCCA
ACTCACCCATGAGTGCACCACACTGGAGAAGGAGGGCGAGTTCTCCATCTGCTTCCAGCCTCCATCAG
AGCTTCTGAGGTATCGTGCCCAAGCTCTGGAACCTCATCCGTTTGGTCAAGCACTGGTATCAACTGT
GTAAGGAGAAGCTGAGGGGGCCGCTGCCTCCACAGTACGCCCTGGAGCTGCTTACAGTCTACGTCTGGGA
ATACGGGATCCACGAAAACCTGGACTCCATACAGCCAGTGCTTCCGCACTGTCTTAGAACTTGTCAAC
AAGTACAAACGGCTTCGAATCTACTGGACATGGTGTATGACTTTCAACACGAGATCTCTGACTACCTGC
AGGGACAGATCAAAAAGCCAGGCCTCTGATCCTGGATCCAGCAGACCCAAAGGAATGTGGCTGGTTC
AGACTTACAGGCATGGGACCTGCTGGCAAAGGAGGCTCAGATCTGGATAGATTGACTTTCTTTACGAAC
CATGATATGTCCATTGTGGAAGCCTGGGAAGTATGCCAGAGAGACAAGAATGTGTCTTCTGTGAGCAC
CCCCAGCATCTGCCTAGGAGACTCCAGAGTCCAGGGCATGTCTCCTCTTCTGTAAGACCTTGACCTAGA
GAGGACAGACAGGATGGCACTCAAGGCTCCAGCGAGGGGCATCCAACCTGTGATCAGACTCCAGGCTTCT
GATCCCTGCCTGCCATGGACAGCTTCTCACAGGCTGCTTCGCTGCCTTAGCTTCCAACAGTGTCTCT
CTGGGAGTCAGACTGTGATGGACAGAGAAGAACGCAAGCTCGACTTCCATCTGTTCACTGTTGGGAGGT
TATGTCCAATAGTGGCTGATCATCATCAACAAACCACAGCAAGCCATGAGGGGGGGTGCCTCTGAGGGA
GGAGTCTCAGACCACACAGAACTTTTTCAGCAGTGCATGTGGCCCTGGAGCCCTGGGAATCTGGCCAGT
GTTTCATCAAGGTGCACTGTTTCTGCAACATGCAGGCTGGGTTTATGGTAGTGCAGGAAAATAAATTTGCA
TGCATTTTAAAAATTTATGATTTTAAAACTTAGGGGTGTGTGTATGAGATTTGAAGCACTAAATTTAAAG
CAAAACGCATTGAATTAATAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_133893
Insert Size:	1086 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:	<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:	BC052835 , AAH52835
RefSeq Size:	1710 bp
RefSeq ORF:	1086 bp
Locus ID:	100535
UniProt ID:	Q8VI95
Cytogenetics:	5 60.87 cM
Gene Summary:	Does not have 2'-5'-oligoadenylate synthetase activity, but can bind double-stranded RNA (PubMed:15899864, PubMed:12396720). May play a role in the control of female fertility, possibly by binding to and inhibiting OAS1A (PubMed:15899864).[UniProtKB/Swiss-Prot Function]