

Product datasheet for **MC204042**

Oasl1 (NM_145209) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oasl1 (NM_145209) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oasl1
Synonyms:	7530414C13Rik; oasl9
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC032152
 CCACGCGTCCGGCTGACGGTCAGTGTGTAGCCATGGCAGTCGCCAGGAGCTGTACGGCTTCCCGGCCTC
 CAAGCTGGACTCCTTTGTGGCTCAGTGGCTGCAGCCAACCAGAGAGTGGAAAGAAGAGGTCTGGAGACC
 GTGCAGACAGTGGAGCAGTTCTGAGGCAGGAGAAATTCCTGGAAGATCGTGGCCCGCTCGGGATGTGC
 GCGTGTCAAGGTACTCAAGGTAGGCTGCTTTGGGAATGGCACCGTGCTCAGGAGCACTACAGACGTGGA
 GCTGGTCGTGTTCTGAGCTGTTCCACAGCTTCCAGGAAGAAGCCAAGCACCATCAGGCTGTCTGAGA
 CTGATACAGAAAAGGATGTACTACTGCCAGGAGCTGATGGACCTTGGGCTCAGTAACCTGAGTGTACTA
 ACAGAGTACCCAGTAGTCTCATCTTACGATCCAGACCAGGGAGACCTGGGAGACCATCACTGTACCCGT
 TGTGCCCGCTACAGAGCCCTGGGCCCTTCTGTCCCAGCTCCGAGGTCTACGCAAACTGATCAAGGCT
 AATGGGTACCCAGGAAATTTCTCTCCATCCTTACGCGAGCTGCAGCGAAACTTCGTGAAGCATCGGCCGA
 CGAAGCTGAAGAGCCTCCTTCGGTTGGTCAAACACTGGTACCAGCAGTATGTGAGAGACAAGTGCCCCCG
 GGCCAACCTGCCCTCTCTATGCCCTGGAGCTGCTCACTGTCTATGCCTGGGAAGCGGGCACCCGGGAG
 GATGCCAACTTCAGGCTGGATGAAGGCCTCGCCACGGTATGGAGCTGCTCCAGGATCATGAGCTCTCT
 GTATCTACTGGACCAAGCACTACAGCTGCAGCACCCGGTATCGAGGCCTGTGCAGGAGACAGCTCAG
 GGGACAAAAGGCTGTCTCCTGGACCCAGCAGACCCACCAACAATGTGGCAGAAGGCTACAGATGGGAC
 ATAGTGGCTCAGCGGGCCAAACCAGTGTCTGAAACAGGACTGTTGTATGACAACAGGGACAGCCCATCC
 CCAGCTGGAGGGTGAAGAGAGCACCCGATATCCAGGTGACCGTGACGAGTGGGGCACCCGGATTTAAC
 CTTCTGGGTGAACCTTATGAACCATAAAGAACTGAAAGAGAAAAATCCAAGTGAAGCGGGGCTACTTG
 GGCTGCAGCGTCTGTCTTTCAGGAGCTCGGCGGAGAACGTCAGCTCATCAGAAGCCATTGCACGCTCG
 CCTACTACGGAATCTTCTGCGACACCCACATCTGCCTGCTGGACACCATCTCCCTGAGATCCAGGTCTT
 TGTGAAAAACCCGGATGGCAGGAGCCACGCCTATGCGATCCACCCGCTTGATTATGTCCTGAACCTGAAG
 CAGCAGATAGAAGACAGGCAGGGCCTTCGATGCCAGGAGCAGCGCTGGAGTTCAGGGCCACATCCTGG
 AGGACTGGTTTGACCTTAAATCCTATGGCATCCAAGACAGTGTACAGTATCCTGTCCAAGATGACGGA
 AGGGGCAGCTCCATTTGTGCCAGCTAGCTTCCCTCTGTGCGGTGGCTCTGCCTATTTTACTGTCTCATCT
 AGACTCAGCCTAGTTGCCTCTCCTTCTGTCTCTGCCCGGATGGTCCACGTCTTCAGTACCTTGCACGC
 AGGGAGTCAGAGGGGTGTGAGAAGTCGTGTACAGCCAGACACTTGTGTGACAATGGAATTCTGCAGT
 CCCCTAGGAAGTCAGCCAGGACCTCTGCCTTCTCGTGGCCTCACTGTCAAACTGTGTGAGTGAATAG
 CTGGCCTCACAGACTATTCTCACATGTTTCAAGAAAGCCAAACCATCTTCTCAACCAATCACAGGGACCC
 TGCTTGAGGTTGCCACCTCAAATTTCTCCAGTGACCTCCATCAGGGCGGCTCTGAAGCCTTCCCT
 GTGCCCAACCACTTCTGCCTGCCTTCGACTATCCAAGGCAAGGTAGGAGGGGATCGAGTTCCTTCAA
 ATGGAGAATAAAAAAGCCATTGTTTCTTCCAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145209

Insert Size: 1536 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:	BC032152 , AAH32152
RefSeq Size:	2083 bp
RefSeq ORF:	1536 bp
Locus ID:	231655
UniProt ID:	Q8VI94
Cytogenetics:	5 F
Gene Summary:	Does not have 2'-5'-OAS activity, but can bind double-stranded RNA. Displays antiviral activity via an alternative antiviral pathway independent of RNase L.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a).