

Product datasheet for **SC303368**

OASL (NM_003733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OASL (NM_003733) Human Untagged Clone
Tag:	Tag Free
Symbol:	OASL
Synonyms:	OASL1; OASLd; p59 OASL; p59-OASL; p59OASL; TRIP-14; TRIP14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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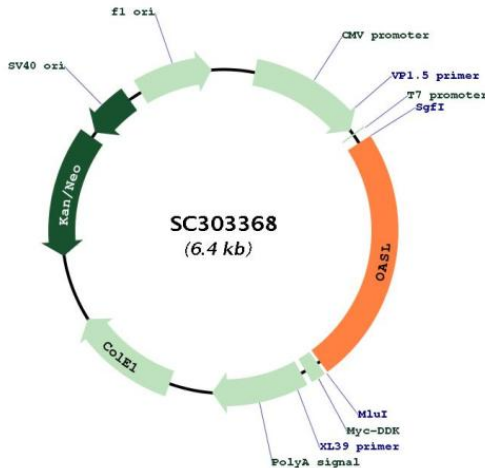
Fully Sequenced ORF: >SC303368 representing NM_003733.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCACTGATGCAGGAAGTGTATAGCACACCAGCCTCCAGGCTGGACTCCTTCGTGGCTCAGTGGCTG
CAGCCCCACCGGAGTGAAGGAAGAGGTGTAGACGCTGTGCGGACCGTGGAGGAGTTTCTGAGGCAG
GAGCATTTCAGGGGAAGCGTGGGCTGGACCAGGATGTGCGGGTCTGAAGGTAGTCAAGGTGGGCTCC
TTCGGGAATGGCACGGTTCTCAGGAGCACCAGAGAGGTGGAGCTGGTGGCGTTTCTGAGCTGTTCCAC
AGCTTCCAGGAGGCAGCAAGCATCACAAAGATGTTCTGAGGCTGATATGGAAAACCATGTGGCAAAGC
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TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_003733

Insert Size:	1545 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_003733.3
RefSeq Size:	2103 bp
RefSeq ORF:	1545 bp
Locus ID:	8638
UniProt ID:	Q15646
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
MW:	59.2 kDa
Gene Summary:	<p>Does not have 2'-5'-OAS activity, but can bind double-stranded RNA. Displays antiviral activity against encephalomyocarditis virus (EMCV) and hepatitis C virus (HCV) via an alternative antiviral pathway independent of RNase L.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>