

Product datasheet for **SC330725**

OASL (NM_001261825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OASL (NM_001261825) Human Untagged Clone
Tag:	Tag Free
Symbol:	OASL
Synonyms:	OASL1; OASLd; p59 OASL; p59-OASL; p59OASL; TRIP-14; TRIP14
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330725 representing NM_001261825. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCACTGATGCAGGAAGTGTATAGCACACCAGCCTCCAGGCTGGACTCCTTCGTGGCTCAGTGGCTG
 CAGCCCCACCGGAGTGAAGGAAGAGGTGCTAGACGCTGTGCGGACCGTGGAGGAGTTTCTGAGGCAG
 GAGCATTTCCAGGGGAAGCGTGGGCTGGACCAGGATGTGCGGGTGTGAAGGTAGTCAAGGTGGGCTCC
 TTCGGGAATGGCAGGTTCTCAGGAGCACCAGAGAGGTGGAGCTGGTGGCGTTTCTGAGCTGTTTCCAC
 AGCTTCCAGGAGGCAGCAAGCATCACAAGATGTTCTGAGGCTGATATGAAAACCATGTGGCAAAGC
 CAGGACCTGCTGGACCTCGGGCTCGAGGACCTGAGGATGGAGCAGAGAGTCCCCGATGCTCTCGTCTTC
 ACCATCCAGACCAGGGGGACTGCGGAGCCCATCACGGTACCATTGTGCCTGCCTACAGAGCCCTGGGG
 CCTTCTCTTCCAACTCCAGCCACCCCTGAGGTCTATGTGAGCCTGATCAAGGCTGCGGTGGTCTCT
 GGAAATTTCTGCCATCCTTCAGCGAGCTGCAGAGAAATTCGTGAAACATCGGCCAACTAAGCTGAAG
 AGCCTCTGCGCTGGTGAACACTGGTACCAGCAGAGGGCAGAGACATCCACTTGACAGTGGAGCAG
 AGGGGTTACCCAGATTTCAACCTCATCGTGAACCTTATGAGCCCATAGGAAGGTTAAAGAGAAAATC
 CGGAGGACCAGGGGCTACTCTGGCCTGCAGCGTCTGTCTTCCAGGTTCTGGCAGTGAAGGCAGCTT
 CTCAGCAGCAGGTGCTCCTTAGCCAAATATGGGATCTTCTCCCACTCACATCTATCTGCTGGAGACC
 ATCCCCCTCGAGATCCAGGTCTTCGTGAAGAATCCTGATGGTGGGAGTACGCCTATGCCATCAACCCC
 AACAGCTTCATCCTGGGTCTGAAGCAGCAGATTGAAGACCAGCAGGGGCTTCTAAAAAGCAGCAGCAG
 CTGGAATTCCAAGGCCAAGTCTGCAGGACTGGTTGGGTCTGGGATCTATGGCATCCAAGACAGTGAC
 ACTCTCATCTCTCGAAGAAGAAAGGAGAGGCTCTGTTTCCAGCCAGT**TAG**

Restriction Sites:	SgfI-MluI
ACCN:	NM_001261825
Insert Size:	1155 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).


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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:	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>NM_001261825.1</u>
RefSeq Size:	1713 bp
RefSeq ORF:	1155 bp
Locus ID:	8638
UniProt ID:	<u>Q15646</u>
Cytogenetics:	12q24.31
Protein Families:	Druggable Genome
MW:	43.9 kDa
Gene Summary:	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] Transcript Variant: This variant (3) lacks two consecutive exons in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (c) is shorter than isoform a.