

Product datasheet for **SC214628**

OAS2 (NM_002535) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OAS2 (NM_002535) Human 3' UTR Clone
Symbol:	OAS2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002535
Insert Size:	2000 bp



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Insert Sequence:

>SC214628 3'UTR clone of NM_002535

The sequence shown below is from the reference sequence of NM_002535. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CCTTGGAAGTGCCGGTAAAAAGTCATCTAAAGGAGGCGTTGTCTGGAAATAGCCCTGTAACAGGCTTGA
ATCAAAGAACTTCTCCTACTGTAGCAACCTGAAATTAAGTACAGACACAAATAAGGAAACCCAGCTCAC
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GCTTTTGGCTCCACCCTCTTTAGCTGTTAATTTGAGTACTTATGGCCCTGAAAGCGGCCACGGTGCCTC
CAGATGGCAGGTTTGAATCCAAGCAGGAAGAAGAAAAGATACCCAAAGGTCAAGAACACAGTGATTT
TATTAGAAGTTTCATCCGCAATTTTCTCCATTTTCATTGCTCAGAAATGTCATGTGGCTACCTGTAAAC
TTGAAGGTGGCTACAAAGATGACTGTGGACGTGGGTTGCACTGGCCACCCAAGGATGTCTGCCACACCT
CTCCAAAGCCCTCCCTACCTACCAAGATATACCTGATATATTCCACCAGGATATCTCCCTCCAGATAT
ACTTGGTCTCTCCACCAGGTTCTTTCTTTAAAGCAGGATTTCTCAACTTTGATACTTACTCACATTTG
GGGCTAGACAGTTCTTTGTTTGGAGGCTCTCTTGTCATTGTAGGATGTTGAGCAGCATCTCTGGCCTG
TACCCAGTAGATGCCACCCAGTTGTGACAATTAAGGTGCTTGGAGACTTTATCATGTGTCTTCTGCC
TAGGTGAGAACCTTGCCTAGAGGAACCTACACCCCAACCTGGGGGAATGTAGGGAAGAGGTGGC
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TGGCAATAGTTACCTTCCAGATACAGGTCCCCCTTTTTCCCTAACTCTTTTAAGCAATGATTGTA
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CTAAAAGAACTTCTAGAGATCATCTGGCAATCGCTTTTAAAGACTCGGCTCACCGTGAGAAAGAGTCA
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CCAACCTTTTCATTAGAACTTCAAGCTCTCCAAAGGCTCAGATTATAACTGTTGTCATATTTATATGAG
GCTGTTGTCTTTTCTTCTGAGCCTGCCTTTCTCCCCCCCACCCAGGAGTATCCTCTTGCCAAATCAAA
AGACTTTTTCTTGGGCTTATAGCCTTAAAGATACTTGAAGGTCTAGGTGCTTTAACCTCACATACCTC
ACTTAACTTTTATCACTGTTGCATATACCAGTTGTGATACAATAAAGATGTATCTGGATTTTGTGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

Sgfl-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_002535.3](#)

Summary:	This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Locus ID:	4939
MW:	74.4