

Product datasheet for **MG205431**

Oas1e (NM_145210) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oas1e (NM_145210) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Oas1e
Synonyms:	C87484; oasl7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205431 representing NM_145210 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAGGGAACCTTTCAGAACCCCAATCTGGAGGCTGGATAACTTCATAGAGGATCAACTCCTTCCTG
ACACCACCTTCTTACTGAGCTCAGAGCAGACATCGACTCCATAAGTGCTTTCCTGAAGGAGAGATGCTT
CCAAGGTGCCACCCACCTATGAGGGTCGCCAGGGTTGTATGGGAGGCTCCTATGATGAACACAATGCA
CTCAAGGGAAGGTCAGAGGCCAACATGGTGGTGTCTTTAATGATCTCACCAGCTTTGAGGACCAGTTAA
AGTGGCAGCAAGTGTTCATTGAAGAAATTCGGAACACCTGCTCCAGTTGCAGCAAGAGAAGCCATGTAA
ACTCAAGTTTGGGTGCAGAGCTCAGAGGAGCCCAACACCAGGTCTCTGACCTTCAAGCTGTGCTCCCA
GAGCGCCAGCAGGAGGTGGAATTTGATGTGCAGCCAGCCTATGATGCTCTGTATGAAGGGGGATACTGCA
AGTCTTTTGAATCCATTAACATAACAAAGTCTACGCCAACTCATCCATGAGTGCACCACCCTGGAGAA
GGAGGGCGAGTTCCTATCTGCTTACCAGCTTATCAGAGCTTCTGAGGTATCGTGCGCCCAAGCTC
TGGAACTCATCCGTCTGGTCAAGCACTGGTATCAACTGTGTAAGGAGAAGCTGAGGGGACCGCTGCCTC
CACAGTATGCCCTGGAGCTGCTCACAGTCTACGTCTGGGAATTTGGGGTCCAAGACAGCTTTGGACTCCA
TGCAGCCAGTGTCTCCGAACGGTCTTAGAACTGGTACCAAGTACAAATGCCTTCTAATCTACTGGACA
TGCTTTTATGACTTTCGACCTGAGATCTCTGACTACCTGCAGGACAGATCAAAAAGCCAGGCTCTGA
TCTGGATCCGGCAGACCAACAAGGAACGTGGCTGGTTACAGACTTACAGGCATGGGACCTGCTGGCAAA
GGAGGCTCAGACCTGGATACATTCAAATTTTTTTAGGAACTGTGATATGTCCTTGTGAATGGCTGGAA
GTGTCGCCAGAGAAACA

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205431 representing NM_145210
 Red=Cloning site Green=Tags(s)

MARELFRTPIWRLDNFIEDQLLPDPTTFLTEL RADIDSISAF LKERCFQGATHPMRVARVVMGGSYDEHNA
 LKGRSEANMVVFN DLTSFEDQLKWQV FIEEIRKHL LQLQEKPKLKFVQSSEEPNTRSLTFKLCSP
 ERQQEVEFDVQPAYDAL YEGGYCKSFESINYNKVYAQLIHECTTLEKEGEFSICFIDLHQSF LRYRAPKL
 WNLIRLVKH WYQLCKEKL RGPLPPQYALELLTVVWVWFVGVQDSFGLHAAQCFRTVLELVTKYKCLLIYWT
 WFYDFRPEISDY LHGQIKKARPLILD PADPTRNVAGSDLQAWDLLAKEAQTWIHSNFFRNCDMSLVNGWE
 VSPEKQ

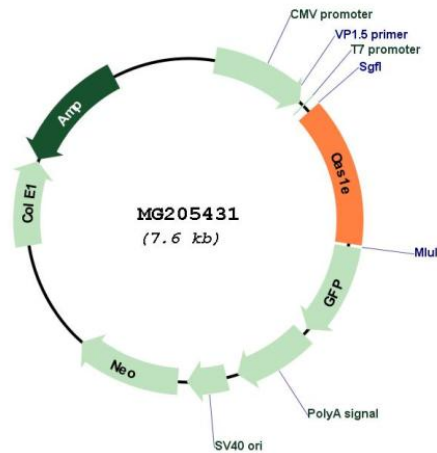
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_145210

ORF Size:	1068 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_145210.2
RefSeq Size:	1707 bp
RefSeq ORF:	1071 bp
Locus ID:	231699
Cytogenetics:	5 60.64 cM