

Product datasheet for **RN215268**

Oas1b (NM_144752) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oas1b (NM_144752) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oas1b
Synonyms:	MGC108585
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215268 representing NM_144752 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAGCAGGAAGCTCAGGAGCATCCCGGCCTCGAAGCTCGATCAGTTTATAGAGGTTTCATCTTCCCGACA
TCAGCTTCCGTGATGAAGCTCAGAGAAGTCATCGATGTCCTGTGTATCCTCCTGAAGAATAGATGCTGCAG
GGAGTCTTCCACCCAGTGAGGACCTCCAAAGTGGAAAGGGCGGCTCCTCACGCAAAGGCACACGCTC
AAGGGCTGGTCAGACGCTGACCTGGTGGTGTTCCTTGACAGTTTCACTTGCTTTGGGGATCAGTTAAACC
GACGCGGAGAGTTCACCAAGGAAATTAAGAACTACTGTTTGAGGTTTCAGCGTGACAGACATATTGGAGT
GAAGATCGAGGTCCACAGTTCATGGAGTCCCAACCATCGGGCTCTGAGCTTCAAGCTGAGTGCCCTGAC
CAGCAGAAGGAGGTGAAGTTTGATGTGCTTCCAGCCTATGATTTACTGGGTTCATGTTGTATCCCCAGGA
AGCCCAACCCACAATTCTACGCCAATCTCATCAGTGAGCGCACCTCTCTGGGGAAGGAGGACGAGTTCTC
TACCTGCTTCACGGAGCTCCAGCTGTACTTCTGAATTGGCGCCCAACCAAGCTCAAGAGTCTCATCCGC
CTGGTCAAGCACTGGTACCAACTGTGTAAAGGAGAAGCTGGGGGATCCACTGCCCCACAGTATGCCCTGG
AGCTGCTCAGCATCTATGCCTGGGAGCGTGGGGGTAGATTAAGTTCAACACAGCCAGGGCTTCCG
GACAGTCTTGGAACTGATCACCAGTACAAGCAACTTCTAATCTACTGGACTGTGTGTTATGACTTTCAA
CACCCAGAGGTCTCCAAATACCTGCGCAGACAGCTCAAAAACCCAGGCCTGTGATCCTGGACCCGGCTA
ACCCAACAGGAAACATTGCTGGTTCGAACCCAAAGGGCTGGAGGCGACTAGCAGGAGAGGCTGCTGCCTG
GCTGCGGTACCCATGCTTTAAGTACAAGACGGTTTTTCCAGTGTGTCCCTGGGATGTGCCACGGAGGTT
GATATACCAAGCCAGAATTACTTTTTTCATATTATCTGCCTAATTTTTTGGTTACTGCTTCGATTGATT
TTGGGAAGCATTCTGTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_144752
Insert Size:	1140 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:	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_144752.2, NP_653353.2</u>
RefSeq Size:	1878 bp
RefSeq ORF:	1140 bp
Locus ID:	246268
UniProt ID:	<u>Q5BKD0</u>
Cytogenetics:	12q16
Gene Summary:	displays increased expression in fibroblast cells transformed by human T-cell leukemia virus type 1 Tax protein [RGD, Feb 2006]