

Product datasheet for **RN201429**

Otud7b (NM_001107697) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otud7b (NM_001107697) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Otud7b
Synonyms:	RGD1308111
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201429 representing NM_001107697
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACCCTGGACATGGATGCTGTCTGTGCGATTTTGTTCGTTCCACAGGTGCAGAGCCAGGGCTGGCTC
 GAGATCTTCTAGAAAGAAAGAACTGGGATGTGAGTGTGCTGCCCTCAGTGACTTTGAACAATTGCGCCAAGT
 CCATGCTGGGAACCTGTCCACACCTTTAGTGGAGGGAGTACTTGCCCTAAGACCCTGAAAAGGGGGT
 TCGGATAGAGAGCCACTCGCCCTTCTCGACCCATCCTACAGAGACAGGATGACATCATTCAAGAAAAAC
 GCCTGTCTAGGGGCATCTCCACGCCAGCTCCAGCATTGTTCCCTGGCCCGCTCCCATGTCTCTCCAA
 TGGTGGGGTGGGGGAGCAGTGAGCACCCCTGGAAATGCCATCTGTGCCTCCAGCTCCAGACCTC
 ACTGTGTACAAAAGACTTCCGCAGTTCATAGAGAGACCTCATTGAGCAGTCCATGCTGGTTGCCT
 TGGAACAGGCAGGGCGTTTGAATTGGTGGGTCACTGTGGACTCCACCTGCCAGAGGCTGCTCCCTTAGC
 AACTACTGGGGACGGAACTGCCTCCTGCATGCAGCCTCTTTGGGATGTGGGTTTCCATGATAGAGAC
 TTGGTGTGAGAAAAGCCTTGTATGCACCTGATGGAGAAGGGCGTTGAGAAGGAAGCACTGAAAAGGCCT
 GGAGGTGGCAGCAACACAACAGAATAAAGAGTCAAGACTGGTGTATACGGAAGTGAAGTGGCAGAAAGA
 ATGGAATGAAGTATCAAACTTGCCTCAAGTGAACCCAGAATGCATCTAGGTACCAACGGAGCCAGTGGT
 GGAGGAGTGGAGAGTTCAGAAGAGCCGGTATATGAGAGCCTAGAGGAATCCATGTCTTCGTCCTTGCTC
 ATGTTCTCAAGAGGCCATAGTGGTCTGGCAGACACCATGCTGAGGGACTCTGGAGGGGAAGCATTGTC
 CCCTATCCCGTTTGGAGGGATCTATCTGCCATTGGAGGTCCCAGCCAGCCAGTGTACCGATCCCCTCTG
 GTGCTCGCCTATGACCAGGCCACTTCTCTGACTTGTGTGATGGAGCAGAAGGACAGCCCAAGGAAC
 AAGCTGTGATCCCACTCACAGATTCAGAGCATAAGCTGCTGCCCTGCCTTTGCTGTGGACCCAGGAAA
 GGGCTGGGAGTGGGGCAAAGATGACAATGACAATGTCCGCTTGGCCAGTGAATCCTGTCTTGGAAAGTG
 AAGTTGCATCTGCTGCATAGCTATATGAATGTGAAGTGGATCCCTCTGTCTTCCGAGTCTCAAGCCCTC
 TGGCCAGCCGAGTCCCCCACAGCCTCAGCTGGAGATGAACCCAGGTCCACTCCTGAGTCAGGGGAGTC
 GGACAAGGAGTCCGTTGGCAGCAGTCTATCAGCAACGAGGGCAGCAGCCGGAAGGAGAAGTCAAAGCGC
 GACAGGGAGAAGGACAAGAAGAGAGCAGATTCCGTGGCTAACAACTGGGCAGCTTTGGCAAAACCTTGG
 GCAGCAAGCTTAAGAAGAATGAGGGGGCTGATGCATAGCAAGGGCCCCAAGCCTGGAGGGCTGGGGAG
 TGGTCTGGAATAAGCAGTGGTACGGAGACATTAGAGAAGAAGAAGAACAACGCATTGAAGAGCTGG
 AAGGGTGGCAAGGAGGAGCAGCTGGCGATGGGCCTGTGTCTGAGAAGCCACATCTGAGCCTGTCGGCA
 ACGGAGGGAGCAAGTATAGCCAGGAGGTGATGCAAAGCCTGAGCATTCTGAGGATCGCCATGCAAGGGGA
 GGGCAAATACATTTTGTGCGAACCTGAAGATGGGCCACCGGCACCAAGTATCAGGAGGAGATGATCCAG
 CGCTACCTTGAGATGCTGAGGAGAGATTCTGGCAGAGCAGAAGCAGAAGGAGGCTGAGAGGAAGATCA
 TGAATGGAGGGTTAGTTAGTGGGCCTCTCCAGCCAAAAGCCAGAGCCGGACGGCGGGGAGGACCAGCC
 CAGTGACTCCCCAGCAGAGTCCAAGGCAACGGCTTCTCTCTGGTTACCTGGGGGCTTACTATTCTCT
 CGACCTTCTGGGGTGGAGTCCACTGCCAGGAACCTCGGAGGCAGTTGGCAGGGGTCCATGTGTAGGGG
 GCCTTCCATCGTATGCCACCTTTCCAGACAGTACCCTCCTGGGCAGCCCTACTCCACCAGGACAGCAT
 CCCATCTCTGGAGCCAGGCAAAGATGGAGTTCACAGGGGTGCCTTGTACCACCCAGTTCGTTGGTGGCT
 GACTCCTATAGCAATGGCTACAGAGAGCCACCAGCCAGATGGATGGGCTGGAGCTCCCGGGGACTTC
 CCCCAACCCAGACCAAATGCAAACAACCGAACTGCAGTCTATGGACACCTGAGACAAACAATTCTG
 CTCTTGTGTTACAGGGAAGAACTGAGGCGGAGGGAACGGGAACCTGGTGGGAACTGCTGGCACACAGG
 TTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107697
Insert Size: 2526 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:	<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:	<u>NM_001107697.1</u> , <u>NP_001101167.1</u>
RefSeq Size:	5958 bp
RefSeq ORF:	2526 bp
Locus ID:	310677
Cytogenetics:	2q34