

Product datasheet for **MC207720**

Otud6b (NM_152812) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Otud6b (NM_152812) Mouse Untagged Clone
Tag: Tag Free
Symbol: Otud6b
Synonyms: 2600013N14Rik; AU015433
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207720 representing NM_152812
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCGCCCCGGGTGAGGGTTGAGGAGTGGGAGGTGCTGGCCCTCCTGAGGTGCGGATCTCCTTCAGCGC
GGGTGCCGGGCCCTGGTCGTCATGGAGGAGTCTGGCTGAAGAGCTCGATGATGAGGAGCAGCTGGT
GAGAAGGCATCGGAAGGAGAAGAAGGAGCTGCAAGCCAAAATTCAGGGAATGAAGAACGCTGTTCCAAA
AACGACAAAAGAGGAGGAAGCAGCTCACGGAAGATGTTGCTAAATTGGAAAGAGAAATGGAGCAAAAAC
ACAGGGAAGAAGTGGAGCAATTGAAGCAATTGACTTTCAAGGACAGTAAGATAGATTCTGTTGCTGTTAA
CATTTCAAACCTGGTACTTGAGAATCAACCACCTCGGATTTCAAAGCACAAAAGAGACGGGAAAAGAAG
GCTGCATTGAAAAGGAGCGGGAAGAAAGGATAGCAGAGGCTGAAATTGAGAAGTATCTGGAGCCAGAC
ATCTTGAGAGTGAAGAACTTGTCAAATATTGGCAGCCAGAGAATTGGAATTAACAGATTCCATCTGA
TGGTCACTGTATGTATGGAGCACTTGGAGTACAGTGCAGAGCAAGACTGTGCGCTGACTGTGGCTTCC
CTGAGGAGGCAGACTGCTGAGTACATGCAAACCATTCAGACGACTTCTGCCGTTTCTAACAAACCCCA
GCACAGGAGATATGTACACGCCAGAAGAGTTTGGGAAGTACTGTGACGATATTGTGAACACAGCGCATG
GGGCGGTCAGCTCGAGCTAAGAGCTTTGTCTCACATCTTACAAACACCAATCGAGATACTACAGGCAGAT
GCTCCTCTATTATAGTCGGTGAAGAGTATCCGAGGAATCCATTAGTACTAGTATACATGAGGCACGCGT
ATGGCTTAGGAGAACATTATAATTCTGTACACGGTTGGTGAAGTACTGAAATTCAGCTACTGAAATTCAGCTAG

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_152812
Insert Size: 978 bp



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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:	NM_152812.3 , NP_690025.2
RefSeq Size:	3311 bp
RefSeq ORF:	978 bp
Locus ID:	72201
UniProt ID:	Q8K2H2
Cytogenetics:	4 A1
Gene Summary:	Deubiquitinating enzyme that may play a role in the ubiquitin-dependent regulation of protein synthesis, downstream of mTORC1 (By similarity). May associate with the protein synthesis initiation complex and modify its ubiquitination to repress translation (By similarity). May also repress DNA synthesis and modify different cellular targets thereby regulating cell growth and proliferation (By similarity). May also play a role in proteasome assembly and function (By similarity).[UniProtKB/Swiss-Prot Function]