

Product datasheet for **MC222654**

Otud7a (NM_130880) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Otud7a (NM_130880) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Otud7a
Synonyms:	AJ430384; Otud7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>MC222654 representing NM_130880
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCTCTAGCTGCTTCCAAACCCGCCCTCGGCTGAGTGTGGCAGCACTTCTACATGATCCTATGA
 CGTTGATATGGACGCAGTCCTGTCAGACTTTGTTTCGGTCCACGGGGCAGAACCTGGTCTGGCCAGAGA
 TCTGCTGGAAGGTAAAACTGGGACCTGACAGCTGCACTAAGCGACTATGAGCAACTGCGACAGGTGCAC
 ACAGCCAACTGCCACATGTGTTCAACGAAGGGAGGTGTGCCAAGCAGGCCGAGCGAGAATTGCCCCAGC
 CTGGGCACAAGGTGGAGCGGCCCTGCTGCAGAGGCAGGACGATATTGCCCAAGCAGAGAAGCGCCTGTC
 CCGGGGGATCTCCCATGCCAGCTCAGCCATCGTCTCCCTGGCCGATCCCACGTGGCAAATGAGTGAAC
 AATGAGCAGTTCCCACTGGAGATGCCATCTATACATTCCAGCTGCCGGACCTGAGCGTGTACAGTGAGG
 ACTTCAGGAGCTTCATCGAACGGGACCTGATCGAGCAGGCCACTATGGTAGCTCTGGAGCAAGCAGGTCCG
 CCTGAAGTGGTGGTCTACCGTGTGCACGAGCTGTAAAAGGCTTCTCCTTTGGCCACAACAGGAGATGGG
 AACTGCCTCTTACATGCCGCTCGCTAGGAATGTGGGGCTTTCATGACCGGGACCTGGTTTTGCGGAAAG
 CTCTCTACACCATGATGAGGACGGGTGCTGAGCGGGAAGCCCTGAAGCGGAGGTGGAGGTGGCAGCAGAC
 ACAGCAGAAACAAGGAGGAGGAATGGGAGCGAGAGTGGACAGAGCTGCTAAAACCTGGCCTCCAGCGAGCCT
 CGCACACACTTCAGCAAGAATGGCAGTGGCACAGGTGGTGGTGGTGGACAACCTCTGAGGACCTGTATATG
 AAAGCCTGGAAGAGTTCCATGTCTTTGTCTCGCCACATACTACGGAGACCCATTGTGGTGGTGGCAGA
 CACCATGCTAAGAGACTCTGGTGGAGAAGCATTGACCCATCCCATTGAGGGGATCTACCTGCCTTG
 GAGGTCCCTCCCAACAGGTGCCACTGCTCACCCCTGGTCTGGCCTACGATCAAGCTCACTTTTCAGCC
 TAGTGTCCATGGAACAGAGAGACCAACAGAGAGAACAAGCTGTGATCCCTCTGACGGATTCGGAACACA
 GCTGCTGCCCTTGCACTTTGCTGTGGACCCGGGAAAGGACTGGGAATGGGGGAAAGATGACAACGACAAT
 GCCCGGTTAGCCAACTCATCTGTCCCTAGAAGCCAAGCTGAACCTTCTACACAGCTACATGAATGTGA
 CGTGGATCCGCATCCCCTCCGAGACCCGGGCTCCCCTGACAGCCAGAGTCTCCAACGGCCTCAGCAGG
 GGAGGATGTACAGTCCCTGGCGGAATCGCTGGACTCGGACCGGATTCTGTGTGCAGCAATTCCAACAGC
 AATAATGGCAAGAATGGTAAGGACAAAGAGAAGGAGAAACAGCGCAAGGACAAGGACAAGACGCGCGCG
 ACTCCGTGGCCAACAAGCTGGGAGCTTTCAGCAAGACGCTGGGCATCAAGCTAAAGAAAAACATGGGCGG
 GCTAGGCGGCTGGTGCACGGTAAGATGGGTCTGCAACTCTGCCAACGGCAAAAACGGGACAGCGCT
 GAGCGCAACAAGGAGAAAAAGTCCAAGTCGCGCAAGGGCAGCAAGGAGGAATCGGGAGCGTCAAGCAGCA
 CCTCGCCGTGGGAGAAGACCACGCGCTCGCCACGGACAAGCGTGGGAGCGTCCCGCGCCGACAAGGG
 GAGCGGGTCAAGAGGCGATGCCTGGAAGTACAGCACGGACGTAAGCTGAGCCTCAACATCCTGCGCGCC
 GCCATGCAAGGGCAGCGCAAATTCATCTTCGCGGGCTGCTGCTCACCAGCCACCGGCACCAGTTTCACG
 AGGAGATGATCGGCTACTACCTGACCAGCGCGCAGGAGCGCTTTAGCGCGGAGCAAGAACAGCGCGCGG
 GGACGCGCGCGGGCTGCCGACGAGCCACGGCCACCGCCACGGTCAAGCGGCCAGCGCGCAGGCCAGAG
 GCCGAAGGTGCGCCGGCCCGGAGCGCGCTCGCCGGGCCGACAGCCGCGCAGCCACGCGAGCTGGTGC
 TCAAGCTCAAGGAGCGGGCCGAGCCCGGACTGGAGCGAGCGCACGGCGGCTCGGGCGGCGGGCGGCGC
 AGCATCCCGGGTCCGGGCGGCGCGGCGGACGCGCGCTCCCGGTACGGCGGACCGACTCCCGGGCCG
 AGCCCGCCGCGCCCGCGCGCCAGAGCGTCATCCACGTGCAGGCGCGGCCCGGACGAGGCGTGCAGCGC
 CGACAGTGGGCGCGCTACGGCCGTGCGGACGTAACCGCAGCAGAACCGCTCGTGTGGTGCAGAGCTA
 CAGCCAGCGCGCAGCGCTGCGCACCGTCAATACAGTGGAGTCCCTGGCGCCCGGAGGAGCGGACGCC
 CCGGGACCCGCGGAGCACAAGTCGACAGCTACAGCAACGGCTTCGGCGCAGCCCGGACGGGCTGGAGT
 TCGCCGACCGCGCGCCGCGCGCTCGAACGCTGAGTGGCGCGCGGAGGCCCGGGCCCGCTCA
 GCGGCGTCCAGCGGAGAACTGCGGTTCTACGGGCGCGGAGACCGAGCACTTCTGCTCTATTGC
 TACCGAGAGGAGTGGCGGCGCGGCGGAGGCGCGCGCGGCGGACCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_130880
Insert Size:	2781 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_130880.1</u> , <u>NP_570950.1</u>
RefSeq Size:	3461 bp
RefSeq ORF:	2781 bp
Locus ID:	170711
UniProt ID:	<u>Q8R554</u>
Cytogenetics:	7 C
Gene Summary:	Has deubiquitinating activity towards 'Lys-11'-linked polyubiquitin chains.[UniProtKB/Swiss-Prot Function]