

Product datasheet for **MC207589**

Ubr7 (NM_025666) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubr7 (NM_025666) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ubr7
Synonyms: 5730410I19Rik; AA589405; AW557761
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207589 representing NM_025666
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGAGCCGAGAGCCCCACCGAGTGCCAGGCGGAGCTGGAGCCCGTGGTGTGCTGGTGGACGTGC
 TCGAGGAAGACGAGGAGTTGGAGAATGAGGCGTGCGCCGTCTGGGCGGCAGCGACTCGGAGAAGTGCTC
 TACTCGCAGGGCTCAGTGGGGAGACAAGCACTGTACGCTGCAGCACCTGCACGCCAGAGGGAGAAGAG
 CCCGACGGGATTTGTCTAGCTTGCAGTTACGAATGTCATGGAAGCCATAAACTGTTTGAACATACACAA
 AAGAAATTTTCGTTGTGATTGTGGAAACGAAGTTAAAAACTTGAATGCAAATTTTCTGACAA
 ATCAAAGGTAAATTTTGAATAAGTACAATGACAACCTTTTTGGATTATACTGCGTTTGTAAAGAGACCT
 TATCCTGATCCTGAAGATGAGGTTCCAGATGAGATGATACAGTGTGTGGTCTGTGAAGACTGGTTCCATG
 GCAGGCATCTGGTGCCATTCCTGAGAGTGGGATTTCCAGGAGATGGTGTGCCAGGCTTGTATGAG
 GCGCTGTTCTTTCTGTGGGCTTATGCTGCCAGTTGGCAGTACCAGGATATCTGCTGAAGATGATGGG
 CTGCTGCCAAATGCTACTGGCATGGGAGATGAAGATGTTAGCAAGCCTGAAAATGGAGCTCCCCAAGATA
 ATGGCCTGAAAGAGGATGCTCCCGAGCATGGCAGGGATTCTGTCAACGAGGTGAAAGCTGAGCAGAAGAA
 CGAGCCCTGCAGCAGCTCTAGTTCTGAGTCTGACCTCCAGACAGTGTAAAGAAAGAAAATATCAAACCT
 GAGCCACAGTCCAGCTGCAGACTTCAGGAACCTCAAGCCAAGCAGTTTGTAAAGAAAGATGCTGCCACCT
 ATTTGGCCCTTGAAGTGGCGCAGCAAATATGCACCTGTCAAGACTGTATGAAAATGTATGGAGAAGTGA
 CGTCTGTTTCTGACAGATGAATGTGATACAGTTCTGGCTTATGAGAACAAGGCAAGAAGCAGCAGGCA
 ACTGATAGAAGGGACCCTTAAATGGACACCCTTAGCAGCATGAATAGAGTCCAGCAAGTGGAGCTCATCT
 GTGAATACAATGACTTGAAGACTGAACTTAAGGACTACCTGAAGAGATTTGCTGATGAAGGCACGGTTGT
 TAAGAGAGAAGACATTCAGCAGTTCTTTGAAGAGTTTCAATCAAAAAGAGAAGGCGAGTGGACGGGTTA
 CAGTATTACTGCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_025666
Insert Size:	1278 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_025666.2</u> , <u>NP_079942.1</u>
RefSeq Size:	3247 bp
RefSeq ORF:	1278 bp
Locus ID:	66622
UniProt ID:	<u>Q8BU04</u>
Cytogenetics:	12 E
Gene Summary:	E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific N-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation.[UniProtKB/Swiss-Prot Function]