

Product datasheet for **MC207373**

Rad23b (NM_009011) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rad23b (NM_009011) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rad23b
Synonyms: 0610007D13Rik; AV001138; HR23B; mHR23B; p58
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207373 representing NM_009011
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAAGTACCCTGAAGACCCTTCAGCAGCAGACCTTCAAGATCGACATCGACCCGGAGGAGACGGTAA
 AGGCATTGAAAGAGAAGATTGAATCTGAAAAGGGGAAAGATGCCTTCCGGTAGCAGGTGAGAAGTTAAT
 TTATGCAGGCAAATCCTCAGTGATGATACTGCTCTCAAAGAATATAAAATTGATGAGAAAACTTTGTG
 GTGGTTATGGTGACAAAACCAAAGCAGTGACCACAGCAGTGCCAGCTACAACCCAGCCATCAAGTACTC
 CCAGCCCCACTGCAGTCAGTTCTCCCCAGCAGTGGCTGCGGCCAGGCTCCAGTCCCACCCCTGCTCT
 GCCTCCCCTTCCACTCCTGCCTCCACTGCTCCAGCCTCCACTACAGCCTCTTCTGAACCCGACCTGCT
 GGTGCCACTCAGCCTGAGAAACCTGCAGAAAAGCCAGCCAGACACCAAGTCTTACTAGCCAGCACCAAG
 CTGACAGTACACCAGGAGATTCTTCCCGGTCAAATCTTTTTGAAGATGCAACAAGTGCCTTGTGACAGG
 TCAGTCTTATGAGAATATGGTAAGTGAATCATGTCAATGGGCTATGAACGAGAACAAGTAAATGCAGCC
 CTGAGAGCCAGCTTCAACAACCTGACAGAGCTGTGGAATATCTTCTAATGGGAATCCCTGGAGATAGAG
 AAAGTCAGGCTGTGGTTGACCCTCCTCCTCAGGCTGTGAGTACTGGAACCTCCTCAGTCTCCAGCAGTAGC
 TGCAGCTGCAGCAACCACGACAGCAACTACAACAACCACTTCTGGAGGCCACCCCTTGAATTTTTACGG
 AATCAGCCTCAGTTTCAACAGATGAGACAAATATCCAGCAGAATCCTTCTTTGCTGCCAGCCTTGCTAC
 AGCAGATAGTTCGGGAGAACCTCAGCTGCTGCAGCAAATAGCCAACACCAAGGAGCATTATTTTATCAGAT
 GCTGAATGAACCAAGTTCAGGAAGCAGGCAAGGTGGAGGAGGTGGTGGCGGAGGAGCGGTGGCGGA
 GGAGGCGGTGGAGGAATTGCAGAAGCTGGAAGTGGGCACATGAATTACATTCAAGTAAACCTCAGGAGA
 AAGAAGCTATAGAACGGTTAAAGGCATTAGGATTTCTGAAGGACTTGTGATTCAAGCATATTTTCTTG
 TGAGAAGAATGAGAATCTGGCTGCCAATTTCTTACAGCAGAATTTGATGAAGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_009011
Insert Size:	1251 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_009011.4</u> , <u>NP_033037.2</u>
RefSeq Size:	3827 bp
RefSeq ORF:	1251 bp
Locus ID:	19359
UniProt ID:	<u>P54728</u>
Cytogenetics:	4 B3
Gene Summary:	Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to polyubiquitin chains. Proposed to be capable to bind simultaneously to the 26S proteasome and to polyubiquitinated substrates and to deliver ubiquitinated proteins to the proteasome. May play a role in endoplasmic reticulum-associated degradation (ERAD) of misfolded glycoproteins by association with PNGase and delivering deglycosylated proteins to the proteasome.[UniProtKB/Swiss-Prot Function]