

## Product datasheet for **RN206363**

### Rad23b (NM\_001025275) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rad23b (NM\_001025275) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rad23b  
**Synonyms:** MGC112630  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN206363 representing NM\_001025275  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCAGGTCACCCTGAAGACCCTTCAGCAGCAGACCTTCAAGATCGACATCGACCCGGAGGAGACGGTAA  
 AGGCATTGAAAGAGAAGATTGAATCTGAGAAGGGGAAAGATGCCTTTCCGGTAGCAGGTCAGAAGTTAAT  
 TTATGCAGGCAAAATCCTCAGTGATGACTGCTCTCAAAGAATATAAAATTGATGAGAAAACTTTGTG  
 GTGGTTATGGTGACAAAGCCAAAGCAGTGACATCAGCAGTGCCAGCTACAACCCAGCAATCAAGTTCTC  
 CCAGCACCACTACAGTCAGCTCCTCCCCTGCAGCAGCTGTGGCCAGGCTCCAGCTCCCACCCCTGCTCT  
 GGCTCCCCTTCCACACCTGCCTCCACGACTCCAGCCTCAACTACAGCATCTTCTGAACCTGCACCTACT  
 GGTGCAACTCAGCCCGAGAAACCTGCAGAAAAGCCAGCACAGACACCAGTGCTTACTAGCCAGCACCAG  
 CTGACAGTACACCAGGAGATTCTTCTCGGTCAAATCTTTTTGAAGATGCAACAAGTGCCCTTGTGACAGG  
 TCAGTCTTACGAGAATATGGTAAGTGAATCATGTCAATGGGCTATGAACGAGAACAAGTAATTGCAGCC  
 CTGAGAGCCAGCTTCAACAACCTGATAGAGCTGTGGAATATCTTCTAATGGGAATCCCTGGAGACAGAG  
 AAAGTCAGGCCGTGGTTGATCCTCCTCCAGGCTGTGAGTACTGGAACCTCCTCAGTCTCCAGCAGTAGC  
 TGCAGCTGCAGCAACCACAACAGCAACGACAACCACTTCTGGAGGCCACCCCTTGAGTTTTTACGG  
 AATCAGCCTCAGTTTCAACAGATGAGACAAATTATCCAGCAGAACCCCTCCTTGCTTCTGCTTTGCTAC  
 AGCAGATAGGCCGGGAGAACCTCAGTTGCTGCAGCAAATTAGCCAACACCAGGAGCATTATTTATTAGAT  
 GCTAAATGAACCGGTTAGGAAGCTGGTGGTCAAGGTGGAGGAGGAGGTGGTGGAGGTGGTGGAGGTGGA  
 GGCGGTGGAGGAATTGCAGAAGCTGGCAGTGGTACATGAACTACATCCAAGTAACACCTCAGGAGAAA  
 AAGCTATAGAACGGTTAAAGGCATTAGGATTTCTGAAGACTTGTGATTCAAGCATACTTTGCTTGTA  
 GAAGAACGAGAATCTGGCGCCAACCTTTCTTCTACAGCAGAACCTTTGATGAAGAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001025275
<b>Insert Size:</b>	1248 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001025275.1</a></u> , <u><a href="#">NP_001020446.1</a></u>
<b>RefSeq Size:</b>	2795 bp
<b>RefSeq ORF:</b>	1248 bp
<b>Locus ID:</b>	298012
<b>UniProt ID:</b>	<u><a href="#">Q4KMA2</a></u>
<b>Cytogenetics:</b>	5q24
<b>Gene Summary:</b>	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 (By similarity).[UniProtKB/Swiss-Prot Function]