

Product datasheet for **MR229240**

Rad23a (NM_001297607) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rad23a (NM_001297607) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rad23a
Synonyms: 2310040P19Rik; AL024030; HR23A; mHR23A
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR229240 representing NM_001297607
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCGTACCATCACCTTAAAACGTTGCAGCAGCAGACCTTCAAGATCCGCATGGAACCTGACGAGA
CGGTAAGGTGCTGAAGGAGAAGATAGAAGCTGAGAAGGGTAGAGATGCTTCCCGTGGCTGGACAGAA
ACTCATCTATGCTGGCAAGATCTTGAGTGACGATGTTCCCATCAAGGAATACCATATAGATGAGAAGAAC
TTTGTGGTTGTCATGGTGACCAAGGCCAAAGCTGGCCAGGGTATCCCGGCACCCCAAGGCCTCACCCA
CTGCTGTCCCGGAGCCCTCCACACCTTCCCTCCAGTCCCTGGCATCAGGCATGTCTCATCCCCACCTAC
CAGCAGAGAGGACAAGAGCCCATCAGAGGAGTCAACCACCACAACATCTCCAGAATCCATTTCTGGCTCT
GTTCCCTCTTCAGGTAGCAGCGGGCAGAGGAAGACGCAGCTTCCACATTAGTACTGGCTCTGAATATG
AGACGATGCTGACTGAGATCATGTCCATGGGCTACGAGCGGGAGCGGGTTGTGGCCGATTGAGGGCCAG
CTACAACAACCCCAACGAGCTGTGGAGTACTTGCTCACGGGAATTCCAGGAAGCCCTGAGCCTGAACAT
GGTTCTGTCCAGGAAAGCCAGGCGCCTGAGCAGCCGGCCACAGAAGCAGCAGGGGAGAACCCCTGGAGT
TCCTGCGGGACCAGCCTCAGTTCAGAACATGCGGCAAGTGATTCACAGAACCAGCGCTCCTGCCTGC
TCTGTCCAGCAGCTGGGTGAGGAAACCCCTCAGCTCCTGCAGCAAATTAGCCGTACCCAGGAGCAGTTT
ATCCAGATGTTGAATGAGCCTCCCGGGAGCTGGCGGACATCTCTGATGTAGAGGGGAGGTTGGTGCCA
TAGCTGAAGGCACTGGGCTTCCAGAGAGCCTGGTATCCAGGCCTACTTCGCGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

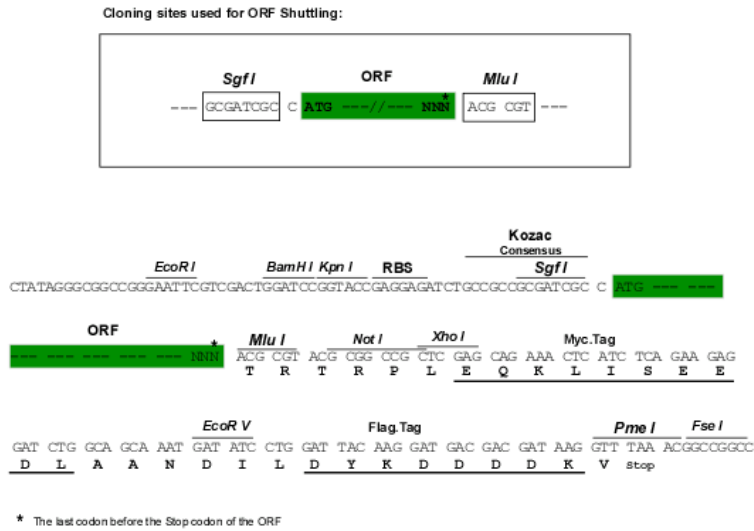
Protein Sequence: >MR229240 representing NM_001297607
 Red=Cloning site Green=Tags(s)

MAVTITLKLQQTFKIRMEPDETVKVLKEKIEAEKGRDAFPVAGQKLIYAGKILSDDVPIKEYHIDEKN
 FVVVMVTKAKAGQGIPAPPEASPTAVPEPSTPFPPVLSGMSHPPTSREDKSPSEESTTTTSPESISGS
 VPSSGSSGREEDAATLVTGSEYETMLTEIMSMGYERERVVAALRASYNPHRAVEYLLTGIPGSPEPEH
 GSVQESQAPEQPATEAAGENPLEFLRDQPQFQNMQRQVIQQNPALLPALLQQLGQENPQLLQI SRHQEQF
 IQMLNEPPGELADISDVEGEVGAIAEGTGLPREPGDPGLLRV

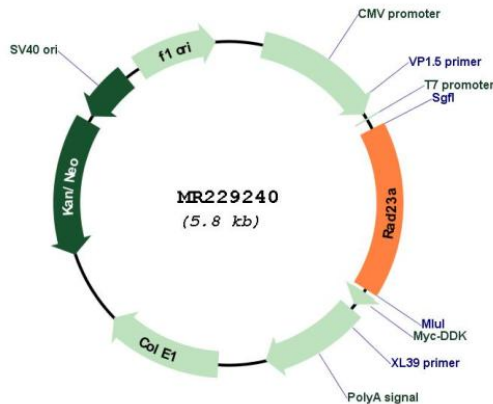
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001297607

ORF Size: 966 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001297607.2
RefSeq Size:	2036 bp
RefSeq ORF:	969 bp
Locus ID:	19358
Cytogenetics:	8 C2
MW:	35.3 kDa
Gene Summary:	Multiubiquitin chain receptor involved in modulation of proteasomal degradation. Binds to 'Lys-48'-linked polyubiquitin chains in a length-dependent manner and with a lower affinity to 'Lys-63'-linked 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 (By similarity).[UniProtKB/Swiss-Prot Function]