

Product datasheet for MC209923

Rnasek (NM_173742) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnasek (NM_173742) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rnasek
Synonyms: 2310033H11Rik; AA571397; D11Bwg0434e
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209923 representing NM_173742

Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGTCGCTCCTGTGCTGTGGGCCTAAGCTGGCCGCTGTGGCATCGTCCTCAGCGCCTGGGGAGTGA
 TCATGTTGATAATGCTCGGGATATTTTCAATGTCCATTCTGCTGTGTTAATTGAGGACGTTCCCTTCAC
 AGAGAAAGATTTTGAGAACGGTCCTCAGAACATATACAACCTGTACGAGCAAGTCAGCTACAACCTGTTTC
 ATCGCCGCGGGCCTCTACCTCCTCTCGGAGGCTTCTCCTTCTGCCAAGTTCGTCTCAACAAGCGCAAGG
 AATACATGGTGCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173742
Insert Size: 297 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).



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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_173742.3</u> , <u>NP_776103.1</u>
RefSeq Size:	622 bp
RefSeq ORF:	297 bp
Locus ID:	52898
UniProt ID:	<u>Q8K3C0</u>
Cytogenetics:	11 42.99 cM
Gene Summary:	Endoribonuclease which preferentially cleaves ApU and ApG phosphodiester bonds. Hydrolyzes UpU bonds at a lower rate (By similarity).[UniProtKB/Swiss-Prot Function]