

Product datasheet for **MC212044**

4933434E20Rik (NM_027500) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4933434E20Rik (NM_027500) Mouse Untagged Clone
Tag: Tag Free
Symbol: 4933434E20Rik
Synonyms: 5730552F22Rik; AI462154; NICE-3; NS5ATP4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212044 representing NM_027500
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCTAGTAGTAAGTGGCTTTCTGGAGTGAATGTCGTGCTGGTGTGGCGTACGGGAGCCTGGTAT
TCGTACTGCTGTTTATTTTTGTGAAGAGACAAATCATGCGCTTTGCAATGAAATCTAGAAGGGGACCTCA
TGTTCTGTAGGACACAATGCCCAAGGACTTAAAAGAGGAGATCGATATTCGACTATCCAGGGTTCAA
GATATCAAGTATGAACCCAGCTCCTTGCAGATGATGATACCAGACTACTGCAGCTGGAAACCCAGGGGA
ATCAAAGTTGCTACAACATCTGTACAGAATGAAAGCTCTAGATGCCATCCGTGCCTCTGAGATCCCGTT
TCATGTGAAGGCCGGCACCCCTGTTCTTTAATGGGTAAGAATTTCCGCTCCTACTTGTAGATCTGCGA
AATACTAGCACTCCTTTCAAGGGTGTGGCAAGGCCCTCATTGATACTCTCCTGGATGGATATGAGACAG
CCCGCTATGGGACAGGGGTCTTTGGCCAGAGTGAGTACTTACGATATCAAGAGGCCTTGAGTGAGCTGCC
CACTGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_027500
Insert Size: 570 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).



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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_027500.4 , NP_081776.2
RefSeq Size:	885 bp
RefSeq ORF:	570 bp
Locus ID:	99650
UniProt ID:	Q8R092
Cytogenetics:	3 F1
Gene Summary:	<p>General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains a 3' terminal exon that extends past a splice site that is used in variant 1. This results in a frameshift compared to variant 1. The encoded protein (isoform 2) has a distinct C-terminus and is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>