

Product datasheet for **MC226593**

4933434E20Rik (NM_001287087) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	4933434E20Rik
Synonyms:	5730552F22Rik; AI462154; NICE-3; NS5ATP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226593 representing NM_001287087 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCTAGTAGTAAGTGGCTTTCTGGAGTGAATGTCGTGCTGGTGATGGCGTACGGGAGCCTGGTAT
TCGTACTGCTGTTATTTTTGTGAAGAGACAAATCATGCGCTTTGCAATGAAATCTAGAAGGGGACCTCA
TGTTCTCTGAGGACACAATGCCCCAAGGACTTAAAGAGGAGATCGATATTCGACTATCCAGGGTTCAA
GATATCAAGTATGAACCCAGCTCCTTGCAGATGATGATACCAGACTACTGCAGCTGGAAACCCAGGGGA
ATCAAAGTTGCTACAACATCTGTACAGAATGAAAGCTCTAGATGCCATCCGTGCCTCTGAGATCCCGTT
TCATGCTGAAGGCCGGCACCCCTGTTCTTTAATGGGTAAGAATTTCCGCTCCTACTTGCTAGATCTGCGA
AATACTAGCACTCCTTTCAAGGGTGTGGCAAGGCCCTCATTGATACTCTCCTGGATGGATATGAGACAG
CCCGCTATGGGACAGGGTCTTTGGCCAGAGTGAGTACTTACGATATCAAGAGGCCCTTGAGTGAGCTGGC
CACTGTGGTCAAAGCACGAATTGGAAGTTCTCAGAGACAACACCAGTCAGCAGCCAAAGACCTAACTCAG
TCACCTGAAATGTCACCAACAACAATCCAGGTCACATACCTGCCTTCCAGTCAGAAGAGCAACGCCCTA
AGCACTTCTGGAAGTGAAGAGCTTTAAGGACAACATAACACACTGGAGAGCACTCTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001287087
Insert Size:	762 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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_001287087.1</u> , <u>NP_001274016.1</u>
RefSeq Size:	2667 bp
RefSeq ORF:	762 bp
Locus ID:	99650
UniProt ID:	<u>Q8R092</u>
Cytogenetics:	3 F1
Gene Summary:	General regulator of phagocytosis. Required to uptake Gram negative bacterium by macrophages.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1 and 4 encode the same protein.