

Product datasheet for **MC220224**

2610008E1IRik (NM_001004362) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	2610008E1IRik
Synonyms:	MGC90797
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC220224 representing NM_001004362
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGCAGACCTGTGATGGAGTCGGTGTCTTCGAGGACATTGCTGTGTTCTTCACCTGGGAGGAGT
 GGCAGGACCTAGACATTGCTCAGAAGTTGCTCTACAGGGATGTGATGCTGGAGAACTACAGTAGCCTGGT
 GTCCTTGGGCTGCTGTGTGATCAAACCTGAGTTGATCCTCATGTTGGAACGTGAATTTGGGCCATGGAGG
 GTAGCAGATACCTCAGTCTGGAACCTTCCAGGGTACTGCATGACCAGACCAGAATTGAACCTCAAGTTAT
 CGCATGGATTTGAGCCGTGGAATGGCTCAGAAGCCTCGCTTTGGAGCCTCCAGATGTCCATAAGGTAAG
 TGTCTTGGGAAATCAAGAGACACACTTGTGGCAAGCTGAAGTCACTGGTGGCATTACATCCTATGAACAG
 ATGTTTGAAGCAGAACTACAGATTCAAGAAAAATTCATCGAGAGGCAAAAAATACATGAATATAAGATT
 GTATGGAACATTTTATCCGAATTCACAGCACACCAGGAATCAGACATCTCAGTCATATGAGAACCCTT
 TGGATGGGAGGAATTTAGAAAAGCTTTCTATTATCAATCAACCCTCACTCAACATCAAAGATTTTCATATA
 GGCGAAAACTCTATGACTCTCCACAGTGTGGGAAATTTTCCCTGGAAGTCCCAACTCAGTGTACATG
 AGACATTTTCATGCGAGTGAGAGACGCTATGAGTGTGAAGAATGCAGGAAGTCTTTTCATCGGAAGGCAAA
 CCTTATTCGACATCAGAGAAGAACACATAGCAGAGAGAAGCCGTATGAATGTATAGAATGTGGGAAAAC
 TTCTACTGTAAGTCAGATGTCACTCGACATCAGAGAAGAACTCACAGTAGAGAAAAACCTACGAATGTG
 TAGAATGCAGTAAGACTTTCTACTGTAAGTCATACCTCATTGACATCAGAGTAGAACTCACAGTAGAGA
 GAAGCCCTATGAGTGTACAGAATGTACTAAAACTTTTACTGTAAATCAGATCTTACTCGTCATCAAAACA
 ACTCATAGTGGGAAAAGCCTTTTGAATGAATGAATGCTCTAAAACATTCTACTATAAATCAGACCTCG
 CTAATCATCAGAAAACGCATACAGATGATAATCCCTATGAATGTAAAGATGTAGAAAACTTTCTGCTC
 CAAGTCAAGCCTCAATCAGCATCATAGGATTCATACAGGTGAGAAGCCCTATGAATGTAAATGAATGAAG
 AAAAGTTTCAATTCTAAGTCAAATCTCACTGAGCATCAGAGAAGAACTCATACCAGAGAGAAACCTATG
 AATGTAAACGAATGTTGGAAATCCTTCTACTGTAGGTCAGAAGTACGAATCATCAGAGGACTCATACAGT
 TGAGAGGTACTATGAATGTAAAGAGTGTAGAAAAATTTCTACTGTAAGTCAAACCTCAATCAACATCAA
 AGAACTCACACCGGAGAGAAAACCGTATGAATGTAAAGACTGCAACAAAGCTTTCTATTGTAAGTCAAAC
 TCAATCAACATCAAAGAACTCATACAGGTGAAAAACCTTTTGCATGTAAAGACTGTAGTAAAGCTTTCTA
 TTGTAAGTCAAGCCTTGTAAACATCAAAAAATCCATTCAGGTGAGAAGCCATATGAATGTGAAGAAATGT
 AGAAAACTTTTTTCCAAAAGTCAGACCTCACTCGACATCAGAGGACACATACAGGTGAAAAGCCCTATG
 AGTGTAAAGACTGTAGCAAACTTTCTATTGTAAGTCAAACCTCAATCAACATCAGAGAAGTCAACACGCA
 TGAAAAACCTTATGAATGTAAAGAAATGTAGGGAACATTCTATTCTAAGTCAGAGCTTACAGAACATCAA
 AGAACTCATACAGATGAAAAACCATATGTATGTTTAAATTTGATTGTCAACTCGACAAGATCTGGGATC
 ATCTGGGAGACAGGCCTGTAGGCATGCCTGTGAAGATTATCTAGAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001004362

Insert Size:

2010 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).

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_001004362.2, NP_001004362.2</u>
RefSeq Size:	4229 bp
RefSeq ORF:	2010 bp
Locus ID:	72128
Cytogenetics:	10 C1