

Product datasheet for **MC227708**

Calr4 (NM_001285895) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calr4 (NM_001285895) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Calr4
Synonyms:	4933403L16Rik; AU017583
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC227708 representing NM_001285895
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGAGCCTGTCGCTGCTGCCTCTGCTGCTGCTGACCTCTGCACCTTCAGGACGCAGGGGAAGAGAC
 GGCAAGTCTACTTCCGGGAGGAGTTCGAAGATGGGGATGGATGGACAAAACGGTGGGTACAATCTAAACA
 TCAGTCAGATTACGGCCAATTCCAGCTAGCCTCGGAAAAATTTTATCAAGATAAAGAGAGAGATAAAGGT
 CTCAGACCACAGAAGATGCCAAGTTCTACGCCCTTCCACCAGGTTAAGCCATTCAGCAATGAGAATG
 AGACCTTGGTGGTTCAGTTTTTCAGTAAACACGAGCAAGGCATCGATTGCGGGCGGTGGCTACGTGAACT
 CTTTCCTGCCGACTGAACCAGGAGGACATGCACTCAGAATCCCAGTATTACATCATGTTCCGGCCCGGAC
 ATCTGTGGCTTTGGCAACAACAGACTACAGGTCATCCTTTCTCACAAGGGAAATACCATGAGAACAACA
 AGACCCTCAAGTGCAGGATTAATAAAGACTCACCTGTACACTCTGATCCTTCGCCCTAATGCTACTTA
 TGAGGTTAAAATTGACAACCAGAAGGTGACAAGTGGAGGACTGGAAGATGACTGGGACTTCTTGCCTCCC
 AAGAAAATAAAAGACCCCTACGCCAGGAAACCAAGGAAATGGGATGAACGACAACAGATAGAGGATCCTG
 ACGATAAGAAAACCTGAGGACTGGGAGGACTCTGAATTCATCCCAGACCCGGATGCCAAGAAGCCAGATGA
 CTGGAATGAGGCGATGGATGGAGTGTGGGAAGGGCCCTTGATACCAAACGTCAAGTACATGGGAGAATGG
 AAACCTCGGATCATTGACAACCCCAATTACCAGGGCGAGTGGATTCACCCAGAGATAGACAACCCCAAT
 ACAGGCCCTGACCCACCATTGGTCACTATCACAACATTAGTGTCTTGGTCTGGATCTTTGGCAGGTGAA
 ATCAGGCAGCATCTTTGACAATTCCTTCTAACAAATGATGAAGAGTTTGGCTGAAGAGGTTGAAATATG
 ACCTGGGGATTAAGAAAGGATGTGGAGCAGCAGTGGAGAGAGCTGTATGAGGAAATGGAGAAACAGAAGG
 AGGCGGAGGAGACCAAGAAGAAGAGGGAAAAGGAGAGAGCCAGGCAAGAGGACGCTGGGGACTAGATGA
 GGAGGATGAGGAGGACGCTGAAGAGGACGACGAGGAGGAAGCAGAGGAAAGGCTCAAGCAGGAAGGCAGT
 GCAGCGAGGGCGTCTCTGGACCAGAAGGAAGCCACTTGGATCAGAAGGATGAACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001285895
- Insert Size:** 1320 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.

RefSeq: [NM_001285895.1](#), [NP_001272824.1](#)

RefSeq Size: 1896 bp

RefSeq ORF: 1320 bp

Locus ID: 108802

Cytogenetics: 4 C7