

Product datasheet for **MC226539**

Milr1 (NM_001271372) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Milr1 (NM_001271372) Mouse Untagged Clone
Tag: Tag Free
Symbol: Milr1
Synonyms: Allergin-1; Gm885; Mca32
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226539 representing NM_001271372
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCGATGGTGACTCGCCAATGTGCCTCTCTGCCGTTTCATTCAAGGAATAAGATGCTGGCTGGACA
 AACTGTTACTTTGGGCTTTACAATTTCTATCACACTTCAGAATGCTGCAGTGGATTGTACGAGGGTGA
 AAATAACGAATTACCTTCTCAAATCTGAAGTCAAGTATGAACGTGGTCAGGATGGGCCAAAATGTATCT
 CTGTCTTGTCCACCAAGAACACATCAGTAGACATCACCTATTCGCTCTTCTGGGTACAAAATATCTAG
 AAAGCAAGAGAAGACGAGGGGGAGCTGTGGATTTCCACCTGAGGATCTCCAATGCCAACGAGTCAGGCC
 CTACAAATGCAAAGTCAATGTTTCCAACCTTGATGAAATACAGTCAGGATTTCAACTTCACAAATGGCCAAT
 GAGAGCTGCCCTTCATGCCGGCTGTCACTGTTGCTCCCAGGGCTGTTACTGGGATACTGGTAATAGTCC
 TAGTCTGGCTTATTTGATTCATCTAAAATACAAAAAGGAAAGAAGACTCAGAGAGAGGACCAGTCCAA
 GGGTCTGGAGATGCGCCTGCACAGGACGAGCTGTATGTCAACGCCTGCAAGACTCAGACAGAGCAACCC
 CAGGAGATACACTATGCCACTCCAGTCTCAAGGAGATGGCACCCATGGAAGAAGAAGGTGGTACGGATG
 GAAAAGCTGATTACATCTACTCTGAAGTCAACCCACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001271372
Insert Size: 738 bp



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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:	<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:	<u>NM_001271372.1, NP_001258301.1</u>
RefSeq Size:	1556 bp
RefSeq ORF:	738 bp
Locus ID:	380732
UniProt ID:	<u>Q3TB92</u>
Cytogenetics:	11 E1
Gene Summary:	<p>Immunoglobulin-like receptor which plays an inhibitory role in degranulation of mast cells. Negatively regulates IgE-mediated mast cell activation and suppresses the type I immediate hypersensitivity reaction.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site, compared to variant 1. The encoded isoform (b) is shorter than isoform a.</p>