

Product datasheet for **MR228756**

Milr1 (NM_001271373) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Milr1 (NM_001271373) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Milr1
Synonyms: Allergin-1; Gm885; Mca32
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >MR228756 representing NM_001271373
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCGATGGTACTCGCCAATGTGCCTCTCTGCCGTTTCATTCAAGGGAATAAGATGCTGGCTGGACA
AACTGTTACTTTGGGCTTTACAATTTCTATCACACTTCAGAATGCTGCAGTGGATTGTACGAGGGTGGAA
AAATAACGAATTACCTTCTCAAATCTGAAGTCAAGTATGAACGTGGTCAGGATGGGCCAAAATGTATCT
CTGTCTTGTCCACCAAGAACACATCAGTAGACATCACCTATTCGCTCTTCTGGGGTACAAAATATCTAG
AAAGCAAGAGAAGACGAGGGGGAGCTGTGGATTTCCACCTGAGGATCTCCAATGCCAACGAGTCAGGCC
CTACAAATGCAAAGTCAATGTTTCCAACCTTGATGAAATACAGTCAGGATTTCAACTTCACAAATGGCCAGG
GGAAGACACAAAACCAAACAAATGGCTCACAAGCTGTGCCAGCTGTTGTAAGGACACAAGCACAGTGT
GGAGAAAGGCAAGGCATGAAGAAGGGACCCTGGGAAAGAAGACTCAGAGAGAGGACCAGTCCAAGGGT
TCTGGAGATGCGCCTGCACAGGACGAGCTGTATGTCAACGCTGCAAGACTCAGACAGAGCAACCCAGG
AGATACACTATGCCACTCCAGTCTTCAAGGAGATGGCACCCATGGAAGAAGAAGTGGTACGGATGGAAA
AGCTGATTACATCTACTCTGAACCTACCCACTGAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR228756 representing NM_001271373
 Red=Cloning site Green=Tags(s)

MGDGDSPMCLSAVSFKGIRCWLKLLWALTISITLQNAAVDCTRVENNELPSPNLNSSMNVVRMGQNVSLSCSTKNTSVDITYSLFWGTYLESKRRRGGAVDFHLRISNANESGPYKCKVNVSNLMKYSQDFNFTMARGRHKTQTNGSQAVPAVKDSTVWRKARHEEGTTWERRLRERTSPRVLEMRLHRTSCMSTPARLRQSNPRYTMPLQSSRRWHPWKKKVVVRMEKLITSTLNSPTEV

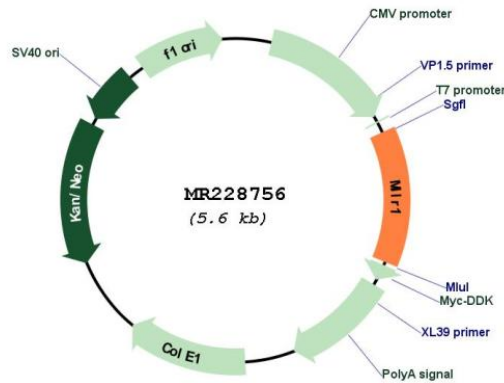
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271373
 ORF Size: 738 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001271373.1 , NP_001258302.1
RefSeq Size:	1552 bp
RefSeq ORF:	741 bp
Locus ID:	380732
UniProt ID:	Q3TB92
Cytogenetics:	11 E1
MW:	28.6 kDa
Gene Summary:	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]