

Product datasheet for RN212223

MlIt3 (NM_053718) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: MlIt3 (NM_053718) Rat Untagged Clone
Tag: Tag Free
Symbol: MlIt3
Synonyms: Af-9; Af9
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212223 representing NM_053718
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGGAGCACAAAGGAAAAACCTTCTAAGGACTCCAGAGAACATAAAAGTGCCTTCAAAGAACCTTCCA
GGGATCACAACAATCTTCAAAGACTCCTCCAAGAAACCCAAAGAAAACAAACCACTGAAAGAAGAAAA
AATCGTTCCTAAGATGGCCTTCAAGGAGCCTAAACCCATGTCAAAGAGCCAAAAGCAGACAGTAACCTTA
CTCACCGTCACCAAGTGCACAGCAGGACAAGAAGGCGCCTAGTAAAAGGCCCCCTGTTTCAGATTCTGAAG
AACTCTCAGCCAAAAAAGGAAAAAGAGTAGTCCGAGGCTTTATTTAAAAGTTTTTCTAGCGCGCCCCC
ACTGATACTCACTTGTCTGCTGACAAAAACAGATAAAAGATAAATCTCATGTCAAGATGGGAAAGGTC
AAAATCGAGAGCGAGACTTCAGAGAAGAAGAAGTCGACACTGCCACCATTTGATGATATCGTGGATCCCA
ACGACTCAGACGTGGAGGAGAACATGTCCTCAAATCTGACTCAGAGCAACCCAGTCCTGCCAGTTCCAG
TTCCAGTTCAGCTCCAGCTTACGCGCTCTCAGACCAGGCAGCAAGGTCCTTTAAGGTCGATCATGAAA
GATCTGCATTCCGATGACAACGAGGAGGAGTCTGATGAGGCCGAGGACAATGACAATGACTCTGAGATGG
AAAGCCCTGTAACAGAGGGGGAAGCCGAAGTCGAGGGTCAGCTTGAGTGACGGCAGTGACAGTGAAGG
CAGCTCTGCCTTCCCTCTCCATCACGAACCCACCACCATTATTGAAAATAACAACAACAGATT
CTTGAAGTGAAGTCCAATAAAACAAAGCAAATCAGATAAGCAAATAAAGAATGGTGAATGTGACAAGG
CTTACCTAGATGAGTTGGTAGAACTCCACAGAAGGTTAATGACACTGAGGAAAGACACATTCTGCAGCA
GATCGTGAACCTTATAGAGGAACTGGACACTTTCATATTACAAATACAACATTTGATTTTGATCTTTGC
TCGCTGGACAAAATACTACAGTCCGTAATACAGAGTTACCTGGAGACATCTGGAACATCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MlI
ACCN: NM_053718



Insert Size:	1113 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:	<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_053718.2</u> , <u>NP_446170.1</u>
RefSeq Size:	1555 bp
RefSeq ORF:	1113 bp
Locus ID:	114510
Cytogenetics:	5q32
Gene Summary:	mouse homolog regulates pattern formation during embryogenesis [RGD, Feb 2006]