

Product datasheet for RN210916

Mlx (NM_001034112) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mlx (NM_001034112) Rat Untagged Clone
Tag: Tag Free
Symbol: Mlx
Synonyms: Tcfl4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210916 representing NM_001034112
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGAGCCGGGCGCCTCTCCGGAGGACCTTGGGTCAAGGCAAGCTCCGCGGATGCGCACGCCGGCG
 AGGGGAGGGCGGGTCTGGGCTCGTGCACGTAGGGGGTCCGGAAGACGTGGGGCTCCCCAATATCCCCAGA
 GTCTCCCCTGCTGTCCAGGCCCGGGGCTGCAGAGAAGACAGCTCTACCCGGCCTGTGCCAAGGTCTGAGT
 TATGCCTACAGTGACAACAGCCTGGACCCTGGGCTTTTTGTAGAAAGCACCCACAAGGGGAGTGTAGTGT
 CCAGAGCTAATAGCATCGGTTCCACCAAGTGCCTCTTCTGTCCCAACACAGATGATGAGGACAGCGATTA
 TCAGCAGGAATCCTACAAGGAGTCTATAAAGACCCGGAGGCGGCTGCGCACACTCAGGCTGAACAGAAG
 AGGAGGGATGCTATTAAGAGAGGCTATGATGACCTTCAGACCATTTGCCCTACTTGCCAGCAGCAGGATT
 TCTCCATTGGCTCCCAAAAACAGCAAAGCCATCGTTCTACAGAAGACCATTGACTACATCCAGTTTTT
 ACACAAGGAGAAGAAAAACAGGAGGAGGAGGTGCCACCCTGCGCAAGGACGTACAGCCTTGAAGATA
 ATGAAAGTGAATATGAGCAGATCGTGAAGGCACATCAGGACAACCCTCATGAGGGAGAGGACCAGGTCT
 CTGACCAGTCAAGTCAACGTCTTTCAAGGCATCATGGACTCCCTGTTCCAGTCTTTCAACGCCTCCAT
 CTCTGTGCCAGCTTCCAGGAGCTCTCAGCCTGTGTCTTCAGCTGGATTGAAGAACAACACTGTGAACCCGAG
 ACTCTACGGGAGATTGTGATCGGTGTCCTTCATCAGTTGAAAAACCAACTCTACT**G**A

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001034112
Insert Size: 897 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).
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_001034112.1, NP_001029284.1</u>
RefSeq Size:	1913 bp
RefSeq ORF:	897 bp
Locus ID:	360631
Cytogenetics:	10q31