

Product datasheet for **MG223697**

Tlx3 (NM_019916) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tlx3 (NM_019916) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tlx3
Synonyms: Hox11l2; Rnx; Tlx1l2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG223697 representing NM_019916
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGCGCCCGCCAGCGCGCAGACCCACACCCGCACGAGCCCATCAGCTTCGGCATCGACCAAATCC
 TCAACAGCCCGGACCAGGACAGCGCGCCCGCCCGCGGGGCCCGACGGCGCCAGCTACCTGGGAGGGCC
 CCCCAGGGGCGTCCGGGCGCCGCTACCCGCTCTGCCCCGCTCCTTTGCGGGCCTCGGCGGCCCTTC
 GAGGACCGGGATCTTACAGTGTCAACCTAAGCTTGCCCCCGCGGCGTGATCCGGGTGCCAGCGCACA
 GGCCGCTCCCTGGGGCCGTGCCCGCCCTGCTAGCGCGCTGCCCGCTATGCCCTCGGTGCCACGGT
 CTCCAGCCTAGGCGGCCCAATTTCCCCTGGATGGAGAGCAGTCGCCGCTTTGTAAGGACCGCTTCACA
 GCGGCGCGCGCTCACGCCCTTACCCTGACCCGGCGCATTGGCCACCCCTACCAGAACCGGACGCCGC
 CCAAGCGTAAGAAGCCGCGCACGTCTTTTCCCGGGTGCAGATCTGTGAGCTGGAAAAGCGCTTCCATCG
 CAAAAGTACCTGGCCTCGGCCGAGAGGGCGCGCTCGCAAAGTCCCTCAAAATGACGGACGCGCAGGTC
 AAGACCTGGTTCCAAAATCGGAGGACCAAGTGGCGGCGGACGCGGAGGAGCGGGAGGCGGAGCGGC
 AGCAGGCGAGCCGCTCATGCTGCAGCTGCAACACGACGCTTCCAGAAGAGCCTCAACGATTCCATCCA
 GCCCGACCCGCTGTCTGCACAACCTCGTCGCTCTTTGCTCTGCAGAATCTGCAGCCCTGGGAGGAGGAC
 AGTTCCAAGTCCCCGCTGTACCTCTCTGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG223697 representing NM_019916
 Red=Cloning site Green=Tags(s)

MEAPASAQTPHPHEPISFGIDQILNSPDQDSAPAPRPGDGASYLGGPPGGPRGAAYPSPASFAGLGAPF
 EDAGSYSVNLAPAGVIRVPAHRPLPGAVPPPLPSALPAMPVPTVSSLGGLNFPWMESSRRFVKDRFT
 AAAALTPFTVTRRIGHYPYQNRTPPKRKKPRTSFSRVQICELEKRFHRQKYLASAERAALAKSLKMTDAQV
 KTWLFQNRRTKWRRTAEEREAERQASRLMLQLQHDAFQKSLNDSIQPDPLCLHNSSLFALQNLQPWEED
 SSKVPAVTSLV

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_019916

ORF Size: 873 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:

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_019916.2](#), [NP_064300.2](#)

RefSeq Size: 1532 bp

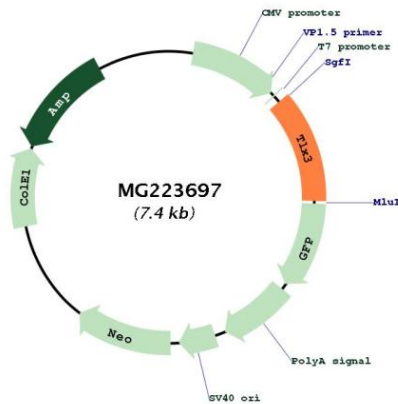
RefSeq ORF: 876 bp

Locus ID: 27140

UniProt ID: [O55144](#)

Cytogenetics: 11 A4

Product images:



Circular map for MG223697