

Product datasheet for **MG201171**

Lmo1 (NM_057173) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lmo1 (NM_057173) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Lmo1
Synonyms: Rbtn-1; Rbtn1; Ttg1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201171 representing NM_057173
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGTGTGGACAAGGAGGACGGTGTGCCGATGCTCTCCGTCCAACCTAAGGGGAAACAGAAGGGCT
GCGCAGGCTGCAACCGCAAGATCAAGGACCGGTACCTGCTGAAGGCACTGGACAAGTACTGGCATGAGGA
CTGCCTCAAGTGTGCTGCTGTGACTGTCGCCTGGCGAGGTGGGCTCCACTCTACACCAAGGCCAAC
CTCATCTGTGCCGGCGTACTACCTGAGGCTTTTGGCACCACAGGAACTGTGCTGCCTGCAGCAAGC
TGATCCCAGCTTTGAGATGGTATGCGGGCCGAGACAATGTGTATCACCTTGACTGCTTCGCCTGCCA
GCTCTGCAATCAGAGATTTTGCCTGGGAGACAAATCTTCTGAAGAACAACATGATCTTGTGCCAGGTG
GACTATGAGGAGGGGCATCTCAATGGCACCTTTGAATCCCAGGTTTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201171 representing NM_057173
Red=Cloning site Green=Tags(s)

MMVLDKEDGVPMLSVQPKGKQKGCAGCNRKIKDRYLLKALDKYWHEDECLKACCCDRLGEVGSSTLYTKAN
LILCRRDYLRFGTTGNCAACSKLIPAFEMVMRARDNVYHLDCFACQLCNQRFVCGDKFFLKNMILCQV
DYEEHNLNGTFESQVQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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_057173.3, NP_476514.1</u>
RefSeq Size:	1146 bp
RefSeq ORF:	471 bp
Locus ID:	109594
UniProt ID:	<u>Q924W9</u>
Cytogenetics:	7 57.21 cM
Gene Summary:	May be involved in gene regulation within neural lineage cells potentially by direct DNA binding or by binding to other transcription factors.[UniProtKB/Swiss-Prot Function]