

Product datasheet for **MC222770**

Gm7173 (NM_001099307) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm7173 (NM_001099307) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm7173
Synonyms:	EG636104
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC222770 representing NM_001099307
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGCAGAGCGGGCTCAGTAGCCCTCGGGATATAGATACCCTAAGAAGGAAGTTCAGCTGCGGG
 TAAATCCCTGGTCTGAAGTTCAGGATGCAGTATCTGGGAAAGTATACCGCCTCCCTTACTGTACA
 CAATTTGGGCCGTTGGAACCCAGAAGATCAGTTTCAAGAGCCATCGAAGCCACAGTTCAAATTGTTGTTG
 ACCAGTCTGGATAAGGAGCTTGCTTCTGGCCTTCAGATGACAGCAATGGTGAATATCATCCTAATAAAA
 ATGAAGACATGTCTGATCACATCTTTATTTCTGTAGGAAATAAAGTCTAGATATTCCTCTATTTGGGCT
 GATTCCAGTCTGTCAGCTGGAATTTGTACCAGTAGTTGATTTTGGCACATTGGTTGCCAATAGTAAAGTG
 CATTGTAAAGAGATTACTATTATTAACCGTGGCAAAGCTCCAGGGAAGTTTAAAGCAGAATACCAGGGTC
 AGTTACCTATTGTCAATTTCTCAAGTAGTGGTATAGTAAAGGCTAAAACATCAATGGTCATCAAAGTGGA
 TTTCTGTGCAGACCAGGCCAAAATTGTAATGAAATGGCAAGAGTGAGTTTGAAGGTTGCTCTGAAACA
 TTCTTGAACATCAAAGTGCCTGTGGTTGAACAGATCATCGAATGTTTCATGAATAGTAAAGGAAAT
 TGGAAATGATACGATTTGGTTCTGTGTTCTTCGGAACATCAAACTTGAACATGCTCTTCTGTATAACAA
 TAGCCCTGAATCCATAAACTGGGTGGCAATAATGCAAGATGATTGTGTTGGAGAAGAGCTGGGAACAAAT
 ATTCATCAAAGGACAGATATGCCATAAATAATATCTCCTACTTAAACAAAAATAAGAAAAATAGATATGA
 CTGATTTTATGCTCTGCTTCCCAACGAAGGGACTTTACTCCCTTATCAAAGATTGTCATTACATTTTGT
 TTTGAGAGTTGATTCTGTGGGAAGTAAAGATGGATTTTGGAGATGATAACTCTAATACCATGAAAA
 GTAATCGACTTCAAAAAGTGAATTAGCTGACAGGCTCTGGACTTCCAGTCAATACAGTTTGTATCC
 AGGAAAACTACTTACTTTTGCACCTTGTACATGGGTGAACATTAGATATTCTTTGTATTGTAATAAAAT
 CAGTCCATATCACTTCTGTGATGTACCATTTTAAAAAACTGCACACTTAAAAATGGATCCTGAAAGGG
 GCAAAATGATGAAGGATGATTGAGATGATGATGTTTCCATTTGTTCCACATCAAATGGAGTATTTAA
 AGTAAAGCAAGTATTGAGATTATTGGACCCGTGGCAGATGATAATCTACGGTCTTTGTCAATGAAACCT
 TTTCTTTACATACATTTAACTTCAGCAGCACTTGCAAAGCTTTCACCAGGAAAGTTGGAGTGAAAAATTA
 ATCCTGGTATATCCCTTGTATCAGTAATCCCAAGACACTTTGTGGCTAAAGATTGAGAGAAAAAGGA
 CGATCTTCCACCTGTAGCTGCAATGCTCCAGTCAACAGCAACAAACTTCATGATCATTGCTTAAAGAT
 GAGTCAACGAAGAATGCACTGATTGCTTTTCTAATGACAGAGCTACAAGTATCAGTCTGGAGATCACC
 ATGAACATTTCAGAACATTTTCAAAAAGATACCAAGGTATGATTATACAGATCCTGATTATGAATACAC
 TGATTTGGAAAACTGGAAAGAAAAGCAGATCGAGATTACTACAAAACTATATTAACAATTTGAGAACT
 ATACGCTACGTAAGAAGCACAGAGGGAAACGAAAGTTTCCAGTTAATGAAGTAGATATTGGCATGCTGC
 CATTATCTGGTCTAAAGTACCACCCTCTCTCAATCAGAAAATAGAAGAGGAAAATACCTCCATCCTTAAA
 AGCTTCTTCTCAAAGCTAACAGATTGTTAAGCACCAAGAAAATAGCATCTAGAGAGTCAGAAATGTCTG
 CAGAGAAAAGATCACCAGAGGGCTTAAATCGAAGCAACCACTCACAAGAAAAACAGGAATGCAGCAAAG
 TTTTGACACCAAAGCAAATTCATCAAGTAATTGTTGGACCATCTGCTTAAATTTGGTAATATTTGTGT
 GAAATCTACAAACTCACCTACTTCAATTTGTTAATATGCTGCCATGTATATATTGATCCAGTTAGAT
 GTTGATTTTGAAGAACTTCAGAAAACCAAGCAATTTTCAATGTGATCCACCTACATCTAGTACATATA
 TTTGATGGTATTTGAATCTTCCACAAGTGGAAAAATTTGGAAATCATTACCTTTAAAAATTAATAACAT
 ACCTGGTGGACACATATTAGTGTGGCTGCCATCCTGCCTGTA AAACTTGGAGCTGTCTTCTAATGAGATT
 GTATTGAGACCACAATCCTTCTTGTGAAAACCTGTTTTCGTGGTACAGTTAGGCTATATAATCATCTCA
 ATTGCCCTGCCAATTTGGATGGAAACCAGTAACATGAGAGGAATTGCATTTACTATTTGTCCAGC
 CCAAGGCACTGTTGATCCATATTGTTTATTGGAATGTGAAGTACATGGCAGCCAGGTTTGTCTCCG
 GACAAGGGAGAATTTTGTACAAGTCTCTGGAGGAAACTTTGACACTGAAGTGTATTGCACATGTAA
 TTATTTCTTCAATGTGATTTTCACTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN:	NM_001099307
Insert Size:	2832 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_001099307.1</u> , <u>NP_001092777.1</u>
RefSeq Size:	2832 bp
RefSeq ORF:	2832 bp
Locus ID:	636104
Cytogenetics:	X B