

Product datasheet for **MC215485**

Gm10471 (NM_001177579) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm10471 (NM_001177579) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm10471
Synonyms:	ENSMUSG00000073116
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC215485 representing NM_001177579 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGATGGGAGAGACCAGAGAGGGGAGGAAGGACGCTGACCTTCCATCTAAGAGTAATGAAGGACGAA
GGAGGTGGACTTGGCGAATGTGGATGGCTCACAGACAGAAAACATCCCCTGTACCTGTCACAAGCAAAAA
GCAGTTTGAGAAGGAAGAGAAGGAGCTGATCAAAAAGATCCAGCTCACTACCGAGGAGACAAATGAGCTG
AGAGATCGCCTGATCTACGTACCGAGGGATCCATGAACAAGAGGCCCTACCACAGGCAAACTCGACATT
ATAAAGAACTGAAATTAAGGAGAAGGAGATCATGACATTTCTACACAATTAGAGATGGAGAACATGGA
GGCCCCGAGAGAACAAGCAGGAGCTCAAGAAGGAGAAAAATTTCTATCGTAACCTGCACACCCGGATCCTG
CTGGAGGAGAATCTTATAAAGAAGAAGTTGGCGATATTGCAGCAGGAGAGCAAGGAAATACATGCTGATT
GGGCCATCATTCACCAACGTTTGGTGGAGTTGAACCTGAGTGGTAAAGACGAACAGGAGAAGACCAGCAA
CCTGGAGACTCAAGAACATCAGGTCTCAGAAGCTGCAAGAGAGCTGGGATTGGCCACAGCTGAAGAAGAC
AGCATCTTGAGAATGAGTTGCCATGCCAGGAAGCCCCTGCTGAGCACCATCCCCAGCACCCACCATCTT
CCTCGGATGAATCTTCTCAGATGAATCTTCTATAGCACATGTCCTGAGTGGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001177579
Insert Size:	759 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001177579.1, NP_001171050.1</u>
RefSeq Size:	3342 bp
RefSeq ORF:	759 bp
Locus ID:	100039045
Cytogenetics:	5 B1