

Product datasheet for **MC209682**

Mab21I2 (NM_011839) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mab21I2 (NM_011839) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mab21I2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209682 representing NM_011839 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCGC**
GCCC

ATGATCGCCGCTCAGGCCAAGCTGGTTTACCAGCTCAATAAATACTACACCGAGCGCTGCCAGGCGCGCA
AGGCTGCGATCGCCAAGACCATCCGAGAAGTCTGCAAGGTAGTGTCCGATGTGCTAAAGGAAGTGGAGGT
GCAAGAGCCCCGCTTCATCAGCTCTGAGTGAGATTGACGCCCGCTACGAGGGGCTGGAGGTAATCTCG
CCCACCGAGTTCGAGGTGGTACTCTACCTCAACCAGATGGGAGTCTTCAACTTCGTGGACGACGGATCTC
TGCCCGGCTGTGCCGTGCTCAAACCTAAGCGATGGGCGGAAGCGGAGCATGTCTTTGGGTGCGAGTTCAT
CACAGCGTCTGGCTACCTTTCTGCGCGCAAGATCCGCTCGCGTTTCCAGACACTAGTAGCCAGGCGGTG
GACAAGTGCAGCTACCGGGACGTGGTCAAGATGATCGCCGACACTAGTGAGGTCAAGTTGCGCATCAGGG
AGCGCTACGTGGTGCAAATCACCCAGCGTTCAAGTGCACCGGGATCTGGCCTCGCAGCGCGGCACAGTG
GCCTATGCCCCACATCCCCTGGCCCGGCCCAATCGGGTGGCGGAGGTCAAGGCCGAAGGGTTCAACTTG
CTCTCAAAGGAGTGCTACTCGTACTGGCAAGCAGAGCTCCGCAGAAAGCGACGCTGGGTGCTGCAGT
TCGGTGAGGCGGAGAACCCTTGTGATGGGCGGCTGTAGAAACAAGTGCCTCTCGGTGCTGAAGACGCT
GCGGGACCGCCACCTGGAGCTGCCTGGCCAGCCGCTCAATAACTACCACATGAAGACGCTGCTGCTGATC
GAGTGCAGAAACACCCGAGGAAACGGACTGGGACGAGGCTTGCTTGGGCGACCGTCTGAACGGATCC
TGCTACAGCTCATCTCCTGCCTGCAAGTCCGCCGCTGCCCTCACTACTTTTTGCCAACCTCGACCTCTT
CCAGGGTAAGCCCCACTCGGCCCTGGAGAGCGCTGCCAAGCAGACCTGGAGATTGGCCAGGGAAATCCTC
ACCAATCCCAAAGCTTGGACAAACTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Ascl-MluI
ACCN:	NM_011839
Insert Size:	1080 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:	NM_011839.3 , NP_035969.2
RefSeq Size:	2703 bp
RefSeq ORF:	1080 bp
Locus ID:	23937
UniProt ID:	Q8BPP1
Cytogenetics:	3 F1
Gene Summary:	Required for several aspects of embryonic development including normal development of the eye, notochord, neural tube and other organ tissues, and for embryonic turning. [UniProtKB/Swiss-Prot Function]