OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC209775

Mixl1 (NM_013729) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mixl1 (NM_013729) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mixl1
Synonyms:	Mm1; Mml
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209775 representing NM_013729 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCGCAGCAGGGTCCCAGCAGCTCCAGTTCGCAGAAGGCGCCGCTTTCCCCATCTTCCCCGCCGCGC ATCCCGGAGGGCAGCTGCTCCCAGCCATGCGCCCAGCCTCTGGGCTGCCCGCGGCGCCCCACGACTCTCG CGCCCCAGCAGCCACGCAGTGCTTTCCAAACCGCGACTCCAGTCCCACAGCGCAGACCCCCGCCGGCCTG GATCCGCCCGGACCCTCCAAAGGCTCGGCCGCCCCGTCGGCGCCACAGCGCCGCAAGCGCACGTCGTTCA GCTCGGAGCAGCTGCAGTTGCTGGAGCTCGTCTTCCGACAGACCATGTACCCAGACATCCACTTGCGGGA GCGCCTGGCTGCGCTCACGCTGCTACCCGAGTCCAGGATCCAGGTGTGGTTCCAGAACCGACGGGCCAAG TCCAGGCGCCAGAGTGGGAAGTCATTTCAGCCCTTATCCTCAAGGCGGGGAGTTTTCCTCCATTGCCCTG CTCCTGGGACTGAAGCTAGGTGTTTGAAGCCTCAGCTGCCCCTGGAGGCAGATGTGAACCACGTTCCGGA TCCCAGCATGACTGGAGGAGGCGTCTGCACATCTGGTTCTCAGAGTTTTGAAACGTATTCGTCTCTCTCT GAAGATATTGGCTCAAAGTTGGACTCCTGGGAGGAGCACATCTTTTCTGCCTTAGGTAACTTCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_013729
Insert Size:	696 bp

View online »

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.
RefSeq:	NM_013729.3, NP_038757.1
RefSeq Size:	2294 bp
RefSeq ORF:	696 bp
Locus ID:	27217
UniProt ID:	Q9WUI0
Cytogenetics:	1 H4
Gene Summary:	Transcription factor that play a central role in proper axial mesendoderm morphogenesis and endoderm formation. Required for efficient differentiation of cells from the primitive streak stage to blood, by acting early in the recruitment and/or expansion of mesodermal progenitors to the hemangioblastic and hematopoietic lineages. Also involved in the morphogenesis of the heart and the gut during embryogenesis. Acts as a negative regulator of brachyury expression.[UniProtKB/Swiss-Prot Function]