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 SC334744

MIXL1 (NM_001282402) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MIXL1 (NM_001282402) Human Untagged Clone
Tag:	Tag Free
Symbol:	MIXL1
Synonyms:	MILD1; MIX; MIXL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282402, the custom clone sequence may differ by one or more nucleotides

ATGGCCACAGCCGAGTCCCGTGCGCTCCAGTTTGCCGAGGGCGCCGCGTTTCCAGCGTACCGGGCCCCCC
ACGCCGGCGGGGCGCTCCTGCCGCCCCCGAGCCCTGCGGCAGCCCTGCTCCCTGCGCCGCCCGCGGGCCC
CGGCCCAGCGACCTTTGCGGGCTTCCTCGGCCGGGACCCCGGGCCGGCCCCGCCGCCCCCCGCCAGCCTG
GGCTCGCCTGCGCCCCCCAAAGGCGCGGCCGCCCCGTCGGCGTCGCAGCGCCGCAAGCGCACGTCTTTCA
GCGCCGAACAGCTGCAGCTGCTGGAGCTCGTCTTCCGCCGGACCCGGTACCCCGACATCCACTTGCGCGA
GCGCCTGGCCGCGCTCACCCTGCTCCCCGAGTCCAGGATCCAGCTTTTATTTTCTCCCCTCTTCCAGGTA
TGGTTCCAGAACAGGCGTGCCAAGTCTCGGCGTCAGAGTGGGAAATCCTTCCAACCTTTGGCTAGGCCGG
AGATTATCCTCAACCACTGTGCTCCTGGAACTGAAACGAAATGTCTGAAGCCCCAGCTGCCTCTTGAGGT
AGATGTGAACTGCCTGCCCGAACCAAACGGGGTTGGAGGGGGCATCTCTGACTCTAGCTCCCAAGGTCAG
AATTTTGAAACCTGTTCCCCTCTCTCTGAAGACATTGGTTCAAAGCTGGACTCATGGGAGGAACACATCT
TTTCTGCCTTTGGTAACTTTTGA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001282402
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).

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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:	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_001282402.1, NP_001269331.1
RefSeq Size:	2048 bp
RefSeq ORF:	723 bp
Locus ID:	83881
UniProt ID:	Q9H2W2
Cytogenetics:	1q42.12
Protein Families:	ES Cell Differentiation/IPS
Gene Summary:	Homeodomain proteins, such as MIXL1, are transcription factors that regulate cell fate during development (Hart et al., 2005 [PubMed 15982639]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.