

Product datasheet for MC208959

Mesp1 (NM_008588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mesp1 (NM_008588) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mesp1
Synonyms:	bHLHc5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208959 representing NM_008588 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCCCCTGTGCGAGCCGCTCCGAGTCTGGATCCTGAGTCCCCTGGTGGCAGCCACCGA
TGCCTCCGATGGGAACAGCGTCTGCTCCCAGCCTGGTCTCGGACCCGTGGGACGGTGGCCAGGCCAG
CAGCCCTGCACCACCCTGCGCCCGCCGGCCGGCGTGTGGGACCCGGGTAGGCGGGGACGCACGGT
AGCCGCTGGGTAGCGGACAGCGGCAGAGCGCCAGCGAGCGGGAGAAGCTACGTATGCGCACACTCGCC
GCGCGCTGCACGAGCTGCGCCGCTTCTTGCCGCCATCCGTGGCACCACCGGCCAGAACCTGACCAAGAT
CGAGACGCTGCGCCTGGCCATCCGCTACATTGGCCACCTGTGGCTGTGCTGGGACTCAGCGAGGACAAC
CTCCGGGACAGCGGCACGCGGTGTACCTCGAGGCTGCCCGCTGTGCCCGACAGCGACCTGGCGCAGT
CGCAGTCGCTCGGTCCCGTTTAAAGCCCGCCGCTGCAGCGGGGTGTCGTGGGGATCCCGCCTGCCTA
CCCTAGACCCCGAGTCGCCGAGAATCGTGGGACCCATCGTTCCTGTACGCAGAAACAGCATCCCAGGAA
AGGCAGGAAATGGAGCCAGTCCCTCATCTCCGCTCTTCAGCAGCGACATGCTGGCTCTTCTAGAAACCT
GGACGCCCGCCGAGGAGTGGCCGCTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_008588
Insert Size:	732 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_008588.2 , NP_032614.2
RefSeq Size:	1098 bp
RefSeq ORF:	732 bp
Locus ID:	17292
UniProt ID:	P97309
Cytogenetics:	7 45.16 cM
Gene Summary:	Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways.[UniProtKB/Swiss-Prot Function]