

Product datasheet for **MR209539**

Msln (NM_018857) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Msln (NM_018857) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Msln
Synonyms:	MPF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209539 representing NM_018857
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTGCCAACAGCTCGACCCTGCTGGGGTCTGTGGAAGTCCCATCTGCAGCCGAAGCTTCTCTAC
 TGCTTCTCCTTAGTCTTGGGTGGATACCAGTCTGCAGACCCAGACTACAAAGACAAGCCAGGAGGCCAC
 ACTCCTCCATGCTGTGAACGGTGCCTGACTTTGCCAGTCTCCACACAGGCCTCTTTCTTGGCCTCACA
 TGTGAGGAGGTATCTGACCTGAGCATGGAACAAGCCAAGGGGCTGGCTATGGCTGTAAGACAGAAGAACA
 TTACACTCCGGGGACATCAGCTGCGTTGTCTGGCACGTCGCCCTTCTAGGCACCTCACCGACGAGGAACT
 GAATGCTCTTCCACTGGACCTGCTGCTTCTCAACCCAGCCATGTTTCCAGGGCAACAGGCTTGTGCC
 CACTTCTTCTCCCTCATCTCTAAAGCCAATGTGGATGACTCCCACGGAGGTCTCTGGAGCGCCAGAGGC
 TGCTGATGGAGGCTCTGAAGTCCAGGGCGTGTATGGATTTCAAGTGAGTGAGGCAGATGTGCGGGCTCT
 CGGAGGCTTGGCCTGTGACCTGCCTGGGAAATTTGTGGCCAGATCTTCCGAAGTTCTCTCCCTGGCTG
 GCAGGATGCCAAGGACCCCTGGACCAGAGCCAGGAAAAGGCAGTCAGGGAGGTTCTGAGGAGTGGAAAGAA
 CCCAATATGGCCCCCATCGAAGTGGTCACTCCACCCTGGATGCCCTGCAGAGCTTGGTAGCAGTGT
 GGATGAGTCCATCGTCCAGAGCATCCCCAAGGATGTCAAAGCTGAATGGCTGCAACACATCTCCAGAGAC
 CCCTCCAGGCTGGGGTCTAAGCTGACCGTCATACACCCAAAGTTCGACGGGATGCAGAACAGAAAGCCT
 GCCCTCCAGGGAAGGAGCCCTACAAGGTGGATGAAGACCTCATCTTACCAGAATTTGGGAGCTGGAGGC
 TTGTGTAGATGGACCATGCTGGCCAGACAAATGGACCTTGTGAACGAGATTCCCTTACCTATGAGCAG
 CTCAGTATCTTTAAGCACAACCTGGACAAGACCTACCCACAAGGCTATCTGAGTCCCTGATCCAGCAGC
 TGGTCACTTCTCAGATATGTTAGCCCTGAAGACATCCACCAAGTGAATGTGACCTCACCAGACACAGT
 GAAAACCTGCTCAAAGTCAGCAAAGGACAAAAGATGAATGCTCAGGCGATTGCCTTGGTCGCTGCTAT
 CTTCCGGGAGGAGGCCAGCTGGACGAGGATATGGTAAAAGCCCTGGGCGACATCCCGTTAAGCTATCTAT
 GTGACTTCAGCCCCAGGATCTGCACTCGGTACCTCCAGTGTATGTGGCTGGTTGGGCCCAAGACCT
 GGACAAGTGCAGCCAGAGGCATCTGGGTCTCCTTACCAGAAGGCCTGCTCAGCCTTCCAGAATGTGAGC
 GGCCTAGAATACTTTGAGAAAATCAAGACATCTGGGTGGGGCTCCGTGAAGGACCTGCGGGCCCTCA
 GCCAGCACAATGTGAGCATGGACATAGCCACTTCAAGAGGCTGCAGGTGGATCCCTGGTGGGGCTGAG
 TGTGGCTGAGGTACAGAACTTCTGGGGCCAAACATTGTGGACCTGAAGACCGAGGAGGATAAAAGCCCT
 GTCGTGACTGGCTGTTCCGGCAGCATCAGAAAGACCTAGACAGGCTGGGTTTGGGACTCAGGGTGGCA
 TCCCCAATGGCTACCTGGTCTGGACTTCAATGTCCGAGAGGCCTTCTCCAGCAGAGCCTCACTCTTGG
 GCCAGGATTTGTATTAATATGGATTCCAGCTCTGCTCCAGCTTTAAGGCTGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209539 representing NM_018857
 Red=Cloning site Green=Tags(s)

MALPTARPLLGSCGSPICSRFLLLLLSLWIPRLQTQTTKTSQEATLLHAVNGAADFASLPTGLFLGLT
 CEEVSDL SMEQAKGLAMAVRQKNITLRGHQLRCLARRLPRHLTDEELNALPLDLLFLNPAMFPGQACA
 HFFSLISKANVDVLP RRSLERQRLMEALKCQGVYGFQVSEADVRALGGLACDLPKFVARSEVLLPWL
 AGCQGPLDQSQEKAVREVLRSRGTQYGPSSKWSVSTLDALQSLVAVLDESIVQSIKPKDVKAEWLQHSRD
 PSRLGSKLTVIHPRFRDAEQKACPPGKPYKVEDLIFYQNWELACVDGTMRLARQMDLVNEIPFTYEQ
 LSIFKHKLDKTYPQGYPESLIQQLGHFFRYVSPEDIHQWNVTSPTVKTLKLVSKGQKMNAQAIALVACY
 LRGGGQLDEDVMKALGDIPLSYLCDFSPQDLHSPSSVMWL VGPQDLDKCSQRHLGLLYQKACSAFQNV
 S GLEYFEIKTFLGGASVKDLRALSQHNVSMDIATFKRLQVDSL VGLSVAEVQKLLGPNIVDLKTEEDKSP
 VRDWLFRHQKDLDRGLGLQGGIPNGYLVDFNVREAFSSRASLLGPGFVLIWIPALLPALRLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9005_g10.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018857

ORF Size: 1875 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

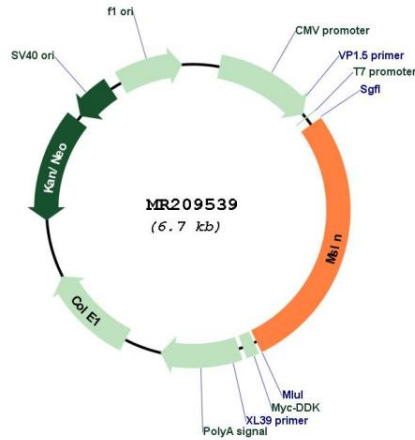
RefSeq: [NM_018857.2](#)

RefSeq Size: 2135 bp

RefSeq ORF: 1878 bp

Locus ID: 56047
UniProt ID: [Q61468](#)
Cytogenetics: 17 A3.3
MW: 69.9 kDa
Gene Summary: Membrane-anchored forms may play a role in cellular adhesion.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209539