

Product datasheet for **MR220753**

Tm9sf3 (NM_133352) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tm9sf3 (NM_133352) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tm9sf3
Synonyms:	1810073M23Rik; 2810031D16Rik; AI115521; AI413748; AW146116; AW549777; mKIAA4036; Smbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR220753 representing NM_133352
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCCGCTGCCGGGCGCTCCTGGCGTGGCGGCGGCCCGCGTTGTTGTTGCTGCTGCTGCCCGGG
 CTCGGTCTGACGAGCACGAACACACGTATCAAGATAAAGAAGAAGTTGTTTTATGGATGAATACTGTTGG
 GCCCTACCACAATCGCCAAGAAACATATAAATACTTTTCACTTCCATTCTGTGTGGGGTCAAAAAAAGT
 ATCAGTCATTACCATGAAACTTTGGGAGAAGCACTTCAAGGAGTTGAATTAGAATTTAGTGGCCTGGACA
 TTAATTTAAAGATGATGTGATGCCAGGCCTTACTGTGAAATTGACTTAGATAAAGAGAAGAGAGATGC
 GTTTGTGTATGCTATCAAGAATCACTATTGGTATCAGATGTACATAGATGACTTACCAATATGGGGTATT
 GTTGGTGAAGCAGATGAAAATGGGAAGATTACTATCTTTGGACCTACAAAAAATTGAAATAGGCTTTA
 ATGGAAAATCGAATTGTTGATGTTAATCTAACTAGTGAAGGAAAGGTCAGCTGGTCCAAATACTAAAAT
 ACAGATGCATATTCGGTAAAATGGAAAAATCGGATGTAAAATTTGAAGATCGATTGATAAATATCTT
 GATCCATCCTTTTTTTCAGCATAGGATTCCTGGTTTTCAATTTTTAATTCCTTCATGATGGTGATCTTCT
 TAGTGGGATTAGTTTCAATGATTTAATGAGAATTTAAGGAAAGATTATGCCCGATACAGTAAAGAAGA
 AGAAAATGGATGACATGGACAGAGACCTAGGAGACGAGTATGGCTGGAAGCAGGTGCATGGAGATGTGTC
 AGACCGTCAAGTCACCCTCTGATCTTCTCCTCCCTCATTGGCTCTGGATGTCAGATATTTGCTGTGCTC
 TCATTGTTATTATTGTTGCCATGATAGAGGACTTATACAGAGAGGGGGTCAATGCTCAGCACAGCCAT
 ATTTGTCTATGCTGCTACATCGCCAGTGAACGGGACTTTGGAGGAAGTCTGTATGCTAGACAAGGAGGA
 AGGAGATGGATAAAGCAGATGTTTATCGGGCATTCCCTATCCCAGCTATGGTGTGTGGCACTGCATTCT
 TCATCAACTTTATAGCCATTTATTACCATGCCTCTAGAGCCATTCCTTTTGAACAATGGTGGCCGTTTG
 TTGCATCTGTTTTCTTTGTTATCCTTCTCTAAATCTCGTTGGTACAATACTGGGTCGAAAATCTGTCGGGT
 CAGCCCAACTTCCCTTGTGCGTCAATGCCGTGCCTCGTCCCATCCCGGAGAAAAATGGTTTATGGAGC
 CTGCACTATTGTTTGCCTGGGAGGAATTTACCTTTTGGATCAATCTTTATTGAAATGACTTTCATCTT
 CACGTCCTTCTGGGCATATAAGATCTACTATGTCTATGGCTTCATGATGCTGGTGTGCTGCTCCTGTGC
 ATTTGTGACTGTCTGTGTGACCATTGTCTGCACATACTTCTGCTAAACGCAGAGGATTACAGGTGGCAGT
 GGACGAGTTTCTGTCTGCGGCGTCGACCGCATCTACGTTTACATGACTCCTTTTACTACTACTTCTT
 CAAAACCAAGATGTATGGCTTATTTCAAACATCATTTTACTTTGGCTACATGGCGGTGTTTAGCACAGCC
 TTGGGGATAATGTGTGGAGCAATCGGTTACATGGGAACAAGTGCCTTTGTTTCGAAAAATCTATACTAATG
 TAAAAATTGAC

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220753 representing NM_133352
 Red=Cloning site Green=Tags(s)

MRPLPGAPGVAAAAALLLLLPRARSDEHEHTYQDKEEVVLMNNTVGPYHNRQETKYKFSLPFCVSGSKS
 ISHYHETLGEALQGVLEFSGLDIKFKDDVMPGTyceIDLdKEKRDAFVYAikNHYYQMYIDDLPIWGI
 VGEADENGEDYYLWTYKKLEIGFNGNRIVDVNL TSEGKVKLVpNTKIqMSYSVKWkKSDVkfEDRFdKYL
 DPSFFQHRiHwFSIFNSFMVIFLVGLVSMILMRTLrKDYARySKEEEMDDMDRDLGDEYgWKQVHGdVF
 RPSSHPLIFSSLIgSGCQIFAVSLIvIIVAMIEDLYTERGSMlSTaIFVYAATSPVNGYfGGSLYARQGG
 RRWIKQMFIGaFLIPAMVCGTaffINfIAIYYHASRAIPFGTMVAVCCICFFVILPLNLVGTILGRNLsg
 QPNFPCrVNAVPRPIPEKKWFMEPAVIVCLGGILPFGSIFIEMYFIFTSfWAYKIYYVYGFmMLVLVILC
 IVTVcVTIVCTYfLLNAEDYRWQTSfLSAAStAIYVYMYsfYFFKTKMYGLFQTSfYfGYMAVfStA
 LGIMCGaIGYMGTSaFVRKIYTNVKID

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9014_h02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_133352

ORF Size: 1761 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_133352.2](#), [NP_579930.1](#)

RefSeq Size: 6144 bp

RefSeq ORF: 1764 bp

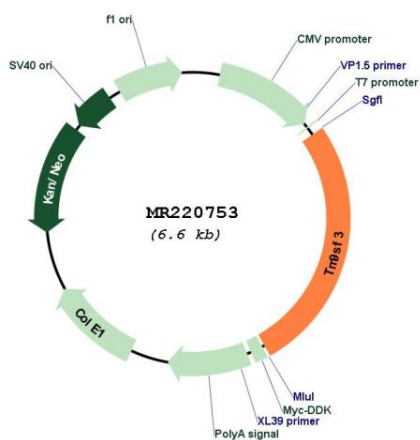
Locus ID: 107358

UniProt ID: Q9ET30

Cytogenetics: 19 C3

MW: 68 kDa

Product images:



Circular map for MR220753