

Product datasheet for **MR204609**

Mfsd7 (BC094512) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfsd7 (BC094512) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Mfsd7
Synonyms:	4732482E20Rik; Mfsd7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204609 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGATGCTTGGCATCTACATCGGTCTGCTGCCCTTCTGTCTGTTGGCCACTGTCTGCCTCTGGGAGA
 GTGTGCCTCTACCCACCATCCACAGGGGCTGCCAACTCTACTTCAGAGAGTTTCTCCGAGGGCTCAA
 ACTGCTCATAACAATAAGGCCTACGTCCTCTGGCCGTATGCTTCGGTGGTGGCATTGGTGTCTTCTCT
 AGCTTCTCAGCCCTCTGGAACAGATCCTTTGTGCCAGTGGCTATTCTAATGAGTTCTCAGGCCTCTGTG
 GGGCTCTCTTCATCGTGTGTTGGAATTTGGGGGCACTGCTTCTAGGCCTGTATGTGGATCGGACCAAGCA
 CTTACCGAAGCCACCAAGATAGGCCTCTGTCTGACTTCCATGACCTCTGTGGCCTTTGCTCTGGTATCC
 CAGCTGCAGGGACAGACCCTTGCACTGGCTGCCATCTGCTCCCTCTTTGGGCTCTTTGGCTTCTCAGTGG
 CACCTGTGGTCATGGAGCTGGCTGTTGAATGCTCATTTCTGTGGGTGAGGGTGCCTCTGCTGGCTTGAT
 CTTTGTCTGGGGCAGGCCGAGGGTATGCTCATCATGCTGCTATTGACGGCACTGACTGTGCGGCGAACG
 GGTCCATCCTTTTCTACCTGCCAGCAGGGTGAAGACCTCTGGACTGGACAGTGTCCCTGCTGCTGTG
 CCGGCCTATGTACCTTTTACCTGTGTCTTGGTGATCTTCTTCAACACCCCATACCGGCGCCTGGAGGC
 TGAGTCTGGCGGATCCTCTTACCCACGATGTGTGCCAGGGATCCAAGGACTGTTAGTCCCACCCAAGTG
 CCACCACTTGAGACTCCTGGCTTGACTCCTCCAGATGAGGCCTGAAGGAAGCTCCTGGCCCTGCTTCTG
 TCTCCAAGGACATTAGAATGGGCAGAGACTATGCCCAGAGACGTC

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 ACAAGGATGACGACGATAAGGTTTAA


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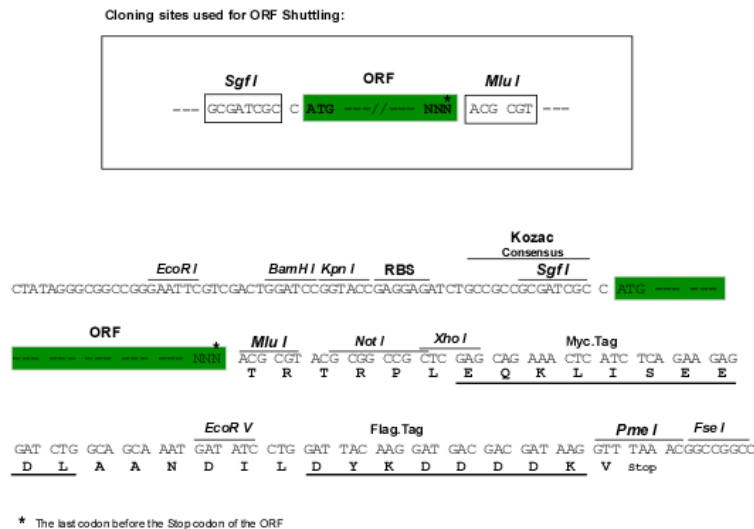
Protein Sequence: >MR204609 protein sequence
 Red=Cloning site Green=Tags(s)

MMLGIYIGPAALSCLLATVCLWESVPPTPPSTGAANSTSESFLRGLKLLIQNKAYVLLAVCFGGGIGVFS
 SFSALLEQILCASGYSNEFSGLCGALFIVFGILGALLGLYVDRTHKFTEATKIGLCLTSMTSVAFALVS
 QLQGQTLALAAICSLFGLFGFSVAPVVMELAVECSFPVGEGASAGLIFVLGQAEGMLIMLLLTALTVRRT
 GPSFSTCQQGEDPLDWTVSLLLLAGLCTLFTCVLVIFFNTPYRRLEAESGGSSSPTMCARDPRTVSPTQV
 PPLETPGLTPDEALKEAPGPASVSKGHEWAETMPRDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC094512

ORF Size: 957 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: BC094512, AAH94512

RefSeq Size: 2176 bp

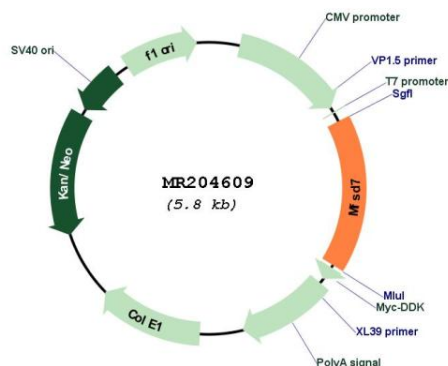
RefSeq ORF: 959 bp

Locus ID: 243197

Cytogenetics: 5 F

MW: 33.4 kDa

Product images:



Circular map for MR204609