

Product datasheet for **RN212056**

Mfhas1 (NM_001107316) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mfhas1 (NM_001107316) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mfhas1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212056 representing NM_001107316 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGGCAAGGACAGTGGCAACCTGAAGACGGTGAGGCTGTGGCGGGACGCCGCCCTGCGCGCCAGGA
AGCTGCGGAGCAACCTGCGCCAGCTCACGCTCAGCTGCCCGGGGCGGGAGGCGACTCACTCGAGTCCCC
CGACGCCCCCAGCTGGTGCTGCCGGCAACATCGGGGACATTGAGGTGCTGAACCTGGGGAACAACGGC
CTCGAGGATGTGCTGAAGGTCTGGGGTCAGCTCTGGGCAGCCTTCGCGTCTTGGTCTTGCGCAGGAACC
GCTTTGCCCGGCTGCCCCCTGCGGTGGCGGAGCTAGGCCACCACCTTACCGAAGTGGACGTAAGCCACAA
CCGGCTAACCATCTGGGAGCCGAGGTGGTGAGCGCCCTAAGGGAGCTGCGCAAACTCAACCTGAGCCAC
AACCAGCTGCCAGCCCTGCCTGCCAGCTCGGTGCCCTCGCCACCTGGAGGAGCTAGATGTCAGTTCA
ACCGGCTAGCGCATCTGCCAGATTCTTCTCCTGCCTCAACCACCTACGTACCCTTGACGTGGACCACAA
CCAACCTACCGCCTTTCCCCAGCAGCTGCTGCAGCTGGCTGCCCTGGAGGAGCTGGACGTATCCAGCAAC
CGGCTGCGAGGCCTACCTGAGGATATCAGTGCCCTGCGTGCCCTCAAGATTCTCTGGCTTAGCGGGGCCG
AGCTTGCACTCTGCCAGCGGCTTCTGTGAGCTGGCCAGTTTGAGAGCCTCATGTTAGACAACAACGG
GCTACAGGCTCTGCCGACGAGTTCAGCCGTCTGCAAAGGCTCAAATGCTCAACCTTTCTTCAACCTC
TTCGAGGAGTTCCCCGCTGCGCTGCTGCCCTGGCTGGGCTGGAGGAGCTCTACCTTAGTCGAATCAGC
TCACCTCAGTGCCCTCTCTATCGCCGGCTGGGCCGCCCTTCTACCTTGTGGCTGGATAATAACCGCAT
CCGCTACCTGCCAGACTCCATTGTGGAGCTGACTGGCCTGGAGGAGCTGGTGCTTCAAGGCAACCAGATC
GCTGTTCTGCCTGACAACTTTGGCCAGCTCTCCCGGTAGGTTTGTGAAAAATCAAGGACAACCCGCTGA
TTCAGCCCCCTTACGAAGTCTGCATGAAGGGGATCCCTTATATCGCAGCTACCAGAAGGAAGTGGCTCA
TTCTCAACCAGCGGTTACGCCCCGTCTAAGCTGCTCCTGATGGGCCACAAGGCTGCCGGAAGACCCTG
CTTCGACACTGCCTCACTGAGGACAAAGTGAAGGAGGGCAAGGAGGAGGGGACAAGGAGAAGAGCTACC
TACCTTTCCCTCCCTTGGGAGTAAGGGCATCGAGGTGACCAGCTGGACTGCGGACGCTTCCCGGGGCTT
GCGGTTCAATTGTGTATGACTTAGCTGGTGATGAAAGCTACGAGGTGATCCAGCCCTTCTTCTCTCCCCA
GAGGCCCTATATGTGCTGCTGGTCAACTTGGCCACCTATGAACCTCGTTGCTTCTACTACTGTGGGCT
CCTTCTGCATCGGGTGGGGGCCGCTGCCTCATGCTGTGGTGTATTGTGGGCACACATGCTGACCT



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GTGTGGGAGCGGGAGCTTGAGGAGAAGTGTCTGGATATTCACCGACAGATTGCCCTGCAGGAGAAGCAT
 GATGCAGAGGGCCTAAGCCATCTAGCCAAGGTGGTTGATAGGGCCCTGGCTCGGGACTTCGAGCTACGCT
 CTGCCAGTCCCCATGCAGCTTACTACGGTGTTCAGACAAGAACCTTCGGAGACGCAAGGCCATTTTCA
 GTACCTGCTTAACCACCGGCTGCAGATCCTCTCGCCCGTGTTCCTGTGAGCTGCAGGGACCCCTCCAA
 CTGCAACGCCTTCGAGACAAGCTGCTCTCTGTAGCCGAGCACCAGGAAATCTTTCCCACTTACACAGAG
 TCCTGCCTCGGTCTGGCAGGTACTGGAGGAGCTGCACTTCCAGCCACCCAGGCACAACGTCTGTGGCT
 AAGCTGGTGGGACTCTGCCCGCTTGGGCTGCAGGCAGGTCTGACTGAGGACCGGCTCCAGAGTGCCTT
 TCTTACCTGCATGAGAGCGGCAAACTGCTCTATTTTGGAGATAGCCCGGCCCTCAAGGAGCACGTCTTCC
 ACAACCTCACCCGCTCATTGACATCCTCAATGTTTTTTTCCAGAGAGATGCTTCTTTGCTGCTTCATAA
 ACTGCTCTAGGGACCAACGGAGAGGGCGAGGGGAGGGGAAAGTTTCCCACCATAGCAGTGCCCACT
 CCGGGCCAGGACCCACTCCGGGCCACCCAGCTCCATCATTACGTGGAAGGCTTTTTGTTGCACGGGCTTC
 TGCCAGCTCATATCATTGCTTGTCTCAAGCCTCACGTCCAGGCCAGCAGGACTTCAGCTCCTGCT
 GGAGCTGCTGGAGAAGATGGGACTCTGTTACTGCCTCAATAAACCCAAAGGCAAGCCTTTGAACGGCTCC
 GCAGCTTGGTACAAGTTCCCATGCTACGTGCAGAAATGAGGTGCCACGCGGAGGCTGGATTAATGGCA
 CCAACCTAGCCGGGAGTCTTTTGTGGCTGAACAGTTGCAGATCGAATACAGTTTTCCCTTTACCTTCCC
 ACCTGGATTGTTTGCACGTTACAGTGTTGAGATCAACAGCCACGTGGTGACAGGTGGGAAATTT
 CAGATCTTTGCGTATCGAGGGAAAGTGCCCGTGGTGGTGAAGTACAGACCTGCCAAGGGGTCTGCAGC
 CAGACACCCTATCCATCGCCAGCCATGCGTCGCTACCCAATATATGGACCGCATGGCAAGCCATACCCCC
 TTTGGTAGAGGAAGTGAATGTCTACTTCAGGAATGGCCTGGACTACACTACACTGTGCACATCCTCTGT
 TCTAAGTGCTTAAGAGAGGGTCGCCAAATCCACACGCTTTCCAGGGGAGTTGCTGAGTCAGCCAGGC
 CAGAAGGGGTGGCAGAGATCATCTGCCCAAGAACGGCAGCGAGCGGTGAATGTGGCTTTGGTTTACCC
 ACCTACACCGACTGTGATCAGCCCTTGTCCAAGTACCTTCGTAATTTCTTGAAAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001107316
Insert Size:	3141 bp
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:	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:	<u>NM_001107316.1, NP_001100786.1</u>
RefSeq Size:	3177 bp
RefSeq ORF:	3141 bp

Locus ID: 306508

Cytogenetics: 16q12.2