

Product datasheet for RN217622

Hfm1 (NM_001191101) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hfm1 (NM_001191101) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hfm1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217622 representing NM_001191101 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGAATCAAACGATTGCATTTTATCCATGGATTCTTTGTTTTTCAGTAGCCAGGTGAAACTGAAA
GCTTTCCAGTTGAGGAAAAATCACTGGATTGGTTTCTCCCTCCAGCTCCACTGATCTCAGAAATCCAGA
TATTCAGAGTTAGAGGAAGAAATTGAAAATTATAAGCTATTAGGAGAAAGAAAGATGCCAATATATTA
ACATCAAACCTGAAGATCATTAAATGAAGACACAAATTGATTTCCACCAACACAGAAATCCATTTCCCT
ATAACATACATGAACAGGATTACCTAAATTTAGGAGGATTAATAACAATGACATGTCACATACAGCTGG
CAAGCTAGTGTACGGTTCTTCTCAAAAATATAAAAACCACATGGGGGATGAGAGTCCACCGACAAAGAGT
GGTCTGGTGATGCAAAGCTGCATACTGCTGCTGAGGACAGAGAGGGCACATCAGCACTCAAACCAGAT
TATCTAGAACATGTGGCAGTGTGCAGGAATGTGACTATGCTAATGGAAATTTAAGCTTGAATTCATAT
TAGCCCAGCGAGACTCACCCAAACAAAAGTAAGCAAAGAGAAACCATGGAAGTGTAGCAATAGAAAAACG
AAACTGCAGTATTCTACAGACAAATCCAAAGCAAACGATGCTTTTTCTGCTTCTGGAATTTGAAAAAGACA
TATTCGAAGCACCATCGTTTTCTGCTGCATCTCAGCCTCGTGACATTCAAGGCATAACCTCAAATGGCTT
AGGTTCTGTTGAAGGCTGTACAGAAATCCCTGCAAAATTTAGAAGTGTATTCAAAGAATTCCTTACTTC
AACTATATACAGTCCAAAGCCTTTGATGATCTTCTTTACACAGATCGGAATTTTGTGATTTGTGCCCCCA
CTGGTTCTGGGAAAAGTGTGGTGTGAGCTAGCAATAACAAGATTGTTAATGGAAGCACCATTGCCGTG
GCTGAACATGAAAGTTGTTTACATGGCACCAATAAAAGCCCTTTGTAGTCAGCGTTTGTGACTGGAAA
GAAAAATTTGGACCGATAGGCTTGACCTGTAAAGAACTTACTGGAGATACAGTAATGGATGACCTGTTTG
AGATTCAGCATGCCAATATAATTATGACAACTCCAGAGAAGTGGGACAGTATGACTAGGAAGTGGAGAGA
CAACTCCTTCATCCAAGTGGTTCGCCTGTTTCTCATTGATGAGGTGCATGTTATTAAGATGAAAACCGT
GGTCCAACCTTTGAGGTTGTAGTAAGCAGAATGAAAACGTCCAGTCTTTATCTAAGACCTTAGAAAACG
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GCTTTTCAGATGGGAGAGACCTGCTGTGTCTGAAAATGGATGAGAGCCACAGACCTGTGAAACTTCAG
AAAGTGGTCTGGTTTTCCCGTAGTAGTAACCAAACTGAATTCAGTTTGAATTTAGCCCTCAACTATA
AAGTGTACAGTGTATACGAACGTAAGTCCGATCAGAAGCCACACTCGTGTGTTTGTGCAACGAGGAAAG



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TGTGCAGCAGGCTGCTTCTGTTCTTGTGAAGGACGCTAAGTTTATCATCACCGTGGAGCAGAACTACGG
 TTGCAGAAGTCTGCATATTCTATAAGGGATTCAAAGCTAAAAGATACCTTGGTGTACGGTGTGGTTACC
 ATCATGCTGGAATGGAGCTGTCAGATAGAAAATGGTTGAAGAGTTGTTTACTTCTGGAGATCTACCAGT
 TCTTTTTACTACAAGTACTCTAGCTATGGGAGTGAAGTGGCCGGCTCACCTGGTCTGTTATAAAGTCCACC
 ATGCACACACTGGAGGTGCCTTTGAAGAGTACAGCGAGACAGACATCCTGCAGATGATTGGAAGAGCTG
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 TCAGATGCTAGCTTGTAAATGACACTGTGGAAAGCAGTTTGCACAGACATCTTATTGAGCACCTGAACGCA
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 ATTACAAGAGTTATGTTTGAAGAATCTGAAAGATTATCATCGCTAGACCTAATAAAGATGGATGAAGAC
 CTTAATTTTCAGATCAACAGAGGCAGGAAGACTAATGGCATGGTATTATATTACATTTGAGACAGTGAAGA
 AATTTTGTGCAATCAGTGGAAAAGAACTTTATCAGATTTGATTTCAATGATATCCAGCTGCAGTGAAGT
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 ACCATCAGATTTCCAATGGAGGGGAGAATTAACCAGAGAGATGAAAGTAACTGTCTTATTCCAGGCTC
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 AAATTGGCATATCATTGTCAAATACCATGGTAAATGCAGGCTTGACGTCTTTAAAAAATAGAAGAAGC
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 ATGTATCTGCCAAAGTATGAACTTGAGGCAGAGCAGATTGCAAGATATAGTGATACCAAGGCAGAAATAC
 TGGTGACCATTATTAAGAACTTTGAGCAGCTGCAGACAAAAGAACAGCGCCAGACTTTCACATGC
 CACCTTAATCATAGGTGATGCAGATAACCAAGTCGTTTGAAGCACAAAATATGGATTCTGTCTGTGTTA
 AAAAGTGGAAATGGGTTAAAAAATTGATGTGAAGAGAGCTCTATATCAGAAGATCTCAGCATAAATC
 TAATTAGCTCTGATTATGTTGGTCTTGATATTCACCAGAAATTTACAGTCTTTTATTAGGACCCAGGAA
 GTTTGTAATCAAACAGTTACGGAAAGAAGCTCAGGAACAGTCTTTCTATTCCGAATGCTCAGACAGA
 GCTACTGCAGCAGGATCCAGTAAAAGAACGGCTACCTGCAGAAACCTGGGAACCGAGAATGCCATCATC
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 AGTGTGAGCAGTGTCTCATATCTGTCTGACCTAAAAGCAGAGATGCTGTTTCTTTTCCCCCAGCT
 AAGCGACTCAAGATACAGATGAACAAATCTCAAATGTGGACCTTAAAGAATTTGGTTTTGTTCCAAGGC
 CTTCCCTTTCCAGTATAGCAAGGTGAGAATATTTAAACATCCATAAATTGCCAATATTAGAACAGAGGAC
 TCAGCATGAGATCTATGGCGAAGTTGAAGAGGGAGCGTCTGAATGCCGAGACGAAGACGGCCACATGTG
 AACTCAGAGCTGGGAGATGAAGTTTGGGATGACTTTGATGATGAAAGCTTAAATAGAAGTTATGAGCTTTT
 CAGCTGACGCCGAGGAGATGGCTGTGTCAGGGTTTGGAGACACTCGTGATTCAAGTCTAGGCAGAAGTAA
 GCTACACTTCGGAAGATCAAGCAGCAGGTTCCAAGAGACATCTCAAACAGTTTTGTTTCATCACCCGAG
 AAGCCAGATGTTTGTGTCAGATTGTTCCGTGTCTAATTTCCGGCTGTCTCTGTGGCAGAGTTCCTC
 AACAGCTGGAATGCAAGTCTTGTCAATTTACAAGAGAGAAAACAGCTGACCCTCTCACCAGTATTGA
 GAGGATGTGCTTTACCCACTCTGAGAAAATACCACAGTCTCCAGTTTTAAGGAAGTGGATTTTTTATT
 GGAACAGTACTCTAAAAGGAAATTTGATCTTAGTAAGTATTATCCTGATGATGCAGCCGAGGAAATGA
 AGGCCCTTCTGGGAATATTTAATGGCATTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001191101

Insert Size:

4305 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).

OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001191101.1, NP_001178030.1</u>
RefSeq Size:	4305 bp
RefSeq ORF:	4305 bp
Locus ID:	690161
Cytogenetics:	14p22