

Product datasheet for **MC222395**

Gm4788 (NM_001029977) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm4788 (NM_001029977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm4788
Synonyms:	Cfhrc; EG214403
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222395 representing NM_001029977
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGTTCTGCAGCATGTTGCTCTTATCCAATATCCTCCTAACTGCATGGCTTTCCACTGCTAAAGGGG
 AAGTGAAATCTTGTGAATTTCCACAATTCAAATATGGACGTCTGTATTATGAAGAGATCCTGAGACCCAA
 CTTCCAGTATCTATAGGAAATAGTACAGCTATAAGTGTGACAACGGGTTTTCACCACCTTCTGGGATT
 TTCTGGGACTACCTTCGTTGCACAGTACAAGGGTGGGAGCCTGAAGTCCCATGCGTCAGGAAATGTGTTT
 TCCATTATGTGGAGAATGGACAATCTGCATACTGGGAAAAATATATGTGCAGGGTCAGTCTTTAAAGT
 CCAGTGTACAATGGCTATAGTCTTCAAATGGTCAAGACACAATGACATGTACAGAGAATGGCTGGTCC
 CCTCTCCCAAATGCATCCGTATCAAGACATGTTCAAGTATCAGATATAGAAATTGAGAATGGGTTTTTTT
 CTGAATCTTTTCGTACATATGCTCTAAATAGAGAAACATCCTATAGATGTAAACAGGGATATGTGACAAA
 TACTGGAGAAACATCAGGATCAATAACTTGCCTTCAAATGGATGGTCACCTCAACCCTCATGCATTAAG
 TCTTGTGAAAGACCAAGTATTTGAGAATTCTGTAAGTAAAGAATAATAGTACATGGTTTAAAGCTCAATGACA
 AATTAGACTATGAATGTCTCATTGGATATGAAAATGAATATAAACATACCAAAGGCTCTATAACGTGTAC
 TTATTATGGATGGTCTGATACGCCCTCATGTTATGAAATAGAATGCAGCGTTCCCATTTAGACCGAAAA
 CTAGTCGTTTCTCCAGAAAAGAAAAATACAGAGTTGGAGATTTGTTGGAATTCCTGCCGTTCCAGGAC
 ACAGAGTTGGGCCAGATTCAAGTCAATGCTACCACTTTGGATGGTCTCCTAGTTTCCCTACATGTAAAGC
 AGGTCAAGTAGCATCATGTGCACAACCTCCTGAAATTCCTAATGGGGAATTAATGGAGCAAAAAGAGTT
 GAATACAGCCATGGTGAGGTGGTGGGATATGATTGCAACCTAGATTCCTACTGAAGGGACCCAATAAAA
 TCCAGTGTGTTGATGGGATGTGGACAACCTTGCCTGTATGTGTTGAGGAGGAGAGAATGTGGAGACAT
 TCCGTAACCTTGAACATGGCTCTGTCAAGTTTTCTGTCCCTCCCTACCACCATGGAGATTCAGTGGAGTTC
 ACTTGTGCAGAAACCTTCACAATGATTGGACTTGGGTCAAGTTTTTGCCTTAGTGAAAGTGGACCCAGC
 TTCCTAAATGTGTGCAACAGACCAACTGGAGAAGTGTAGAGTGTGAAGTCAACTGACATAGAAGCAAT
 TAAACCAAAAAGAAAAGAAATTTCAAGCATAACTCCACCATGTATTACAAATGTAGAGACAAGCAGGAGTAT
 GAACACTCCATCTGTATCAATGGAAAATGGAATCCTGAACCAACTGTATAAGGAAAATATCCTGCCCTC
 CTCCACCACAGATTCCAAATACCAAGTATTGAAACCACTGTGAAATACTTGGATGGAGAAAAATTATC
 TGTTCTTTGCCAAGACAATTACCTAACTCAGGACCCAGAAGAAATGATGTGCAAGATGGAAGGTGGCAG
 TCATTACCTCACTGCATTGAAAAATCCCATGTTCCAGCCCCCTACAATAGAATGGAATGATCTATTAAT
 TACCCAGAACATCTGAAAAAGGAGAAAAATCCATTGAGTTCAGCAGTCATGAACATGGAATACATTGAG
 CTATGTCTGTGATGATGGTTTCAGGATACCTGAAGAAAATGGGGTAGCCTGCTACATGGGAAAATGGAGC
 ACTCCACCTCGCTGTGTTGGACTTCCTTGTGGACCTCCACCTTCAATTCCTCTTGGTACTGTTTCTCTTG
 AGCTAGAGAGTTACCAACATGGGGAAGAGGTTACATACCATTTGTTCTACAGGCTTTGGAATTGATGGACC
 AGCACTTATTAATGTGAAGGAGGAAAGTGGTCTGACCCACCAAAATGCATAAAAACGGATTGTGACATT
 TTACCCACAATTGAAAATGCCATAATAAGAGGAAAGAACAAAAATCATATAGGACAGGAGAACAAAGTGA
 CAGTCAGATGTCAATCTCCTTATCAAATGAATGGCTCAGACACTGTGACATGTATTAATGGCCGGTGGAT
 TGGAAAGCCAGTATGCAAGACTCAAGAGGGAAATGTGGGCCTCCTCCACCTATTGACAATGGAGACATC
 ACCTCCTTGTCAATACCAGAATATGAACCATTCATCAGTTGACTATCAGTGCCAGAAGTATTATCTCC
 TTAAGGGAAGAAGACAATAACATGTAGAAATGGAAGTGGTCTGAGCCCAACCTGCTTACATGCATG
 TATAATACCAGAAAACATTATGGAAGCACGCAAAATAATTCTTAAATGGAGACACACTAAAAATATTTAT
 TCCCATTCAGGGGAGGATATTGAATTTGAATGTAAATATGGATATCATAAGCAAGAGGATCACCGCCAT
 TTCGTACAAAGTGCATTAGTGGCACCATCAATTATCCATTTGTGA**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029977
Insert Size: 2640 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001029977.3, NP_001025148.3</u>
RefSeq Size:	2887 bp
RefSeq ORF:	2640 bp
Locus ID:	214403
Cytogenetics:	1 F