

Product datasheet for MR229119

Cmtm1 (NM_181990) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cmtm1 (NM_181990) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cmtm1
Synonyms:	CHLFH1a; CKLFH; CKLFH1; Cklfsf1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229119 representing NM_181990 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAATCCTGCATCCGCCAGGCGTGAGTCCGGCGGGGATGGGTCCAGGCGTGAGTCCAGACGCTTA
TACGACCTCGAGTGTGGATGCTTCCTCACCTTCGGATTCACAGCGGTATGCTGCCTCTGCTCCACCTCA
CCAGGGACCTTCAGTACCCGGGACACCAGCCAGCCAGGGACCTTCAGTACCCGGGACACCAGCCAGCCAG
GGACCTTCAGTACCCGGGACACCAGCCAGCCAGGGACCTTCAGTACCCGGGACACCAGCCAGCCAGGGAC
CTTCAGTACCCGGAACACCATCCCGCCAGCAATCTTTTATACGTGCCACACCAATCCGCCAGCAATCTTT
TATACGTGCTATACCATCCAGGCAGCGACCTTCAGTACAAGCCATACCATCCAGCCAGCGACCTTTAGTA
CACGTCATACCATCCAGTCAGCGACCTTCAGTACGTGCCACACCATCCAGTCAGCGACCTTCAGTACGTG
CCACACCATCCAGTCAGCGACCTTCATGTATTACGGCAACCTCAGTGTTTTGTTTCGTATTGGTGGTGC
CCAGGAGCTGTTGTAGTCATCATGATTAGGAAACCTGCATCGTCTATTTTTTCATCATCATCTATTTG
GTAACCTTCAAACCACGATGGCCTGTATCCACTGGCCTCTGCTTGATCTGATCAACTTGCCATTTCAA
CAGTATTTCTTGAATAGTTGGTATAGTAGTCATTGGGAAAAAATAACAAGGATCTATGCTACGCTGG
AGGGATCCTGTGCCTCTCGGCAGCAGTCTGTGTGCATCGATGCATTGCTGTTTACTGAGAAGAGGAGG
AACAAAGCGAAAAGTTCCCTGGCGAGGGAACTAAGCTCTCTGCCACCAACTGAGGCAGAAGCAGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229119 representing NM_181990
Red=Cloning site Green=Tags(s)

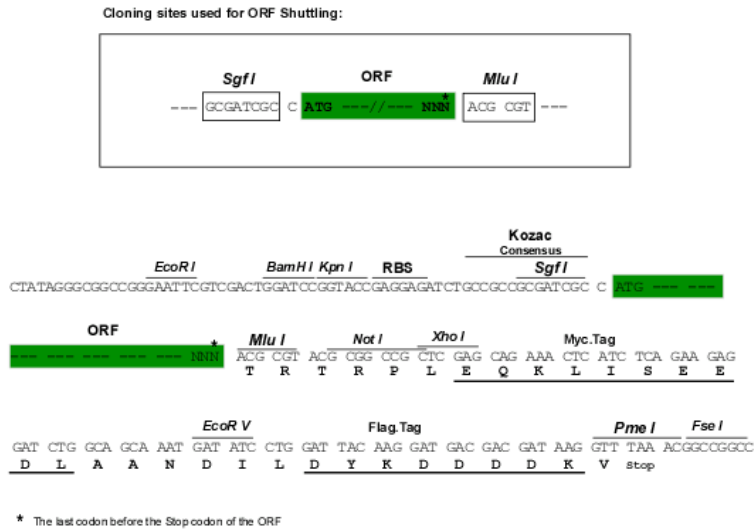
MNPASARRESGGDGSRRRESRRLTLRPRVLDASSPSDSQAYAASAPPHQGPSVPGTPASQGPSVPGTPASQ
 GPSVPGTPASQGPSVPGTPASQGPSVPGTPSRQQSFIRATPIRQQSFIRAIPSRQRPSVQAI PSSQRPLV
 HVIPSSQRPSVRATPSSQRPSVRATPSSQRPSVITATSVFCFVIGGAQELFVVIMIQTETCIVLFFIIIYL
 VTLQTTMACIHWPLLDLINSAISTVFLGIVGIVVIGKNTKDL CYAGGILCLSAAVLCVIDALLFTEKRR
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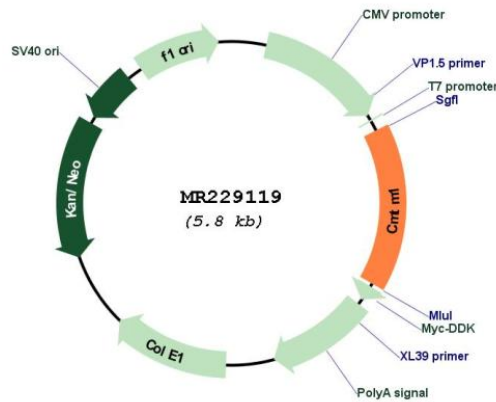
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_181990

ORF Size: 909 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:	<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:	NM_181990.2 , NP_871790.2
RefSeq Size:	1130 bp
RefSeq ORF:	912 bp
Locus ID:	100504164
Cytogenetics:	8 D3
MW:	32.6 kDa