

Product datasheet for MC200978

Hemk1 (NM_133984) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hemk1 (NM_133984) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hemk1
Synonyms: 2310008M14Rik; AW049265
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011431 sequence for NM_133984
 CGTGCATGCCCTCTGGGTAGCAGAAACATCTGAGAAAACAAAACAGAGAACTGGAACCCATGACTGATTCT
 TCACCCAGCCCAGCCCAGGGATCACCTGAGCCCCTACCTCAGTGCAGATAGCACAGAGAGACTCAGGC
 ACTTGGAAGCCTTTCTCCAAGAATGAAGCTCTGGGGACAAATACTTTGGACCCTTCTATCTGTTCCCGA
 GGAAGGAGGGGAGTCTCCAGGGCTGGGCTTCAACTCATGGAAGACTTATTCATCCCTGACTGGGCCGT
 TGAGTGCCACAGGGATGGTTAATCACTGGACACAGGTCTTTGAGGAAAGAGGTATCCCAGAGGCCCGGA
 ATCCAGTGAGTACATCGTGGCTCATGTCCTCGGAGCCAAAACATTTAGAGCCTGAAACCAGCACTTTGG
 ACCAAGCCACTGACCCCTCAACAATTGGAATGCATCCAGGAGCTATGTGGCCATAGATTACAGAGGATGC
 CGGTGCAGTATACCTTGGGGAGTGGGACTTTAGGGGCTCAGTCTGAAGATGGTACCCCACTGTTTCAT
 CCCTCGGCCAGAGACAGAAGAACTGGTTGAATGGGTTTTAGAGGAAGTGGCCCGAGGCCCATGCAGTG
 AGAGCCCAGGATGGTCCCCTCATTCTGGAGGTGGGCTGTGGATCAGGAGCCATTACTCTCAGCCTGCTGA
 GCCAGCTCCCAAGAGTCGAGTTGTTGCTGTGGATAAAGGAGGAAGCTGCTGTTAGTCTGACCCATGAGAA
 TGCTCGGAGGCTTCAGCTGCAGGACAGGATCCGGATCATCTGCCTTGATATAACCTCAGAGGGGTGCTGC
 ACACACCTTTTGGCCTGGAGCCCCTTGGACTTGGTGGTCAGCAACCCCTCCCTACATCTTCCGCAAGGACA
 TGGAACAGCTGGCTCCAGAGATCTGCAGTTACGAAGATCTGGTGGCCCTGGATGGTGGTACGAAGGCAT
 GGACATCATCACCCACATCTTGACCTTGGCAGCCAGCTCTTGAATGCCTCTGGAAGCATCTTCTTAGAA
 GTAGACCAAGACACCCAGAGCTTGTGAGCAGTTGGCTTCCAGAGCCATCCTGACCTGCACCTTAGTCTTG
 TGGGAGTCCGTGAAGACTTCTGTGGGAGGCCCGGTTCTGCATGTCCAGAAGTGCACCATAGCGTGG
 CAACTCGGTGAACACCCGCCCAGGATTCTAGCCTGCTGGGTGGCTGGCTTACCCTGCGTGGAAATGCCGCC
 CAGGGGAAGGTGAACAGCCTGTCTGGGCCCTGGCACGGCCATGGTCTGTGATTCCCATGATGGAT
 GTTTCTAGGAGACTTGGAAAGAAGGATGGAGTGTCTTCTTGGGCGAGAAAGAAGACAGAGACCCAAAGAGC
 TGGGTTTCCAGCCTGGCCCTGCCCTCTGTGTAGTAGGCTACTTGGTGTCTCTTGGTAAATTGCTA
 TAAAGATGTTGGGAAGGATGGCTAGTAAAGTGTGAGAGAGCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_133984



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Insert Size:	1023 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:	<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>BC011431</u> , <u>AAH11431</u>
RefSeq Size:	1534 bp
RefSeq ORF:	1023 bp
Locus ID:	69536
UniProt ID:	<u>Q921L7</u>
Cytogenetics:	9 F1
Gene Summary:	N5-glutamine methyltransferase responsible for the methylation of the glutamine residue in the universally conserved GGQ motif of the mitochondrial translation release factor MTRF1L. [UniProtKB/Swiss-Prot Function]