

Product datasheet for MC225441

Cenpf (NM_001081363) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cenpf (NM_001081363) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cenpf
Synonyms: 6530404A22Rik; AI325968; CENF; Lek1; mitosin; PRO1779
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225441 representing NM_001081363
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCTGGGCCCTGGAAGAATGGAAGGAAGGTCTCCCTCCAGAGCTTTCAGAAGATCCAAGAGCTTG
 AAGGACAGCTGGAGAAGCTGAAGAAGGAGAAACAACAGAGGCAGTTCAGCTGGACTCTCTCGAAGCTGC
 GCTGCAGAAGCAGAAGCAGAAGTTGAAGACGGAAAGACTGAGGGTGCAGACCTGAAAAGGGAAAAATCAA
 AGGTTGATGGAGATATGCGAACATTTGGAGAAGTCAAGGCAGAAGCTGTCTCATGAACCTCAAGTTAAGG
 AGTCACAAGTGAATCTCCAAGAGAGCCAACCTGAGCTCATGCAAAAAGCAAATAGAAAACTGGAACAGGA
 ACTTAAGCGGTGTAATCTGAATTTGAAAGAAGCCAACAAGTTGCACAATCGGCAGATGTTTCTCTGAAT
 CCATGCAGTACACCACAGAACTCTTTGCAACTCCACTCACACCGAGTTCACATACGAAGATCTGAAAAG
 AAAATAATAAAGAAGTTGAAGAACGGAAAGAGGTTAGAGGAAGAGGTTAAAGCTTTGCATGCAAAAAA
 AGTGAGCCTGCCTGTTTCCCAAGCCACCATGAACCACCGGACATTGCGAGACATCAGGCTTCTCATCA
 GTGTTTCTTGGAACAGGAAAAACCCCAAGTCGCCTTTCATCGGATGCTCTGAAAACCCCACTGAGGA
 GAGACGGCTCTGCTGCTCACTTTTGGGGGAAGAAGTGAGTCTAACAATCAAGTATGAAGACAGGGAG
 AGGAGACTGCAGCAGCTCCCTGGTGGCCTCACAGCGCTCAGCTTTTGCACCAGGCCAAAGCCAGAAT
 CAAGACCTAAAAAGCAAGATGACTGAGTTAGAACTACGCCTGCAAGGGCAAGAAAAGGAAATGAGAAGCC
 AAGTGAATAAATGTCAAGACTTACAGCTACAGCTGGAGAAGACGAAAGTGAATGATTGAAAAGGAGAG
 AATTTTGAATAAAACAGAGATGAAGTAGTGAGAAGCACAGCACAGTATGACCAGGCCGACGCCAAGTGT
 ACTACCTTGAACAAAAGCTGAAAACCTTGTACTGAGGAGTTGAGTTGTCACCGACAGAACGCAGAGAGTG
 CTAACCGTCTCTGGAACAGAGGATTAAGGAGAAAGAAAAGGAGCTTCAAGAGGAGCTGTCCCGACAGCA
 TCAATCTTCCAAGCTCTGGACAGTGAGTACACTCAGATGAAAACAGACTTACCCAGGAGTTACAGCAA
 GTCAAGCATTGACAGCACCCCTCCAGCTGGAAGTGGAGAAGGTCACATCAGTGAAGCAGCAGTTAGAAA
 GGAATTTGGAAGAAATTAGGCTTAAGTTGAGCAGAGCAGAACAAGCTCTTCAGGCCAAGTCAGGTCCGAGA
 AAACGAGCTGAGGAGAAGCAGTGAGGAAATGAAGAAGGAGAACAGTCTCATTAGGAGTCACTGTAGCAG
 AGGACCAGAGAAGTCTGCCACCTGGAGGAAGAAGTGGTAAAGTCAAAGTGTCTTTGAGTAAAGAGCCAGA



[View online »](#)

ATTTTGCAGAAGAAATGAAGGCTAAGAATACCTCTCAGGAAATCATGTTACGAGATCTTCAGGAAAACT
 AAATCAGCAAGAAAACTCACTAACTTTAGAGAAGCTGAAACTTGCCCTAGCTGATCTGGAAGACAGCGA
 AACTGTTCTCAAGATCTCTTGAAGAAAAGGGAACATCACATTGATCAACTGAATAATAAGTTAAATAAGA
 TAGAGAAAAGAGTTTAACTTTGCTGAGTGCTTTGGAATTAAGAAAAGAAAGAAATGTGAAGAATTGAAAGA
 AGAGAAAAATCAGATTTCTTTTGGAAAATTGATAGTAAAAACTCATAAATCAGATAGAATCAGAAAAA
 GAAATCTTATTGGGTAATAAACCCTTAGAGACCAGCCTCAAGACACAACAAGTAAGTCTGACTCTA
 ATGAGAGAATAAGAACACTGGAGATGGAAGAGAAAACTTTACTGTGGAGATTAACAACTTCAAAGTAT
 GTTAGACAGCAAGATGGTAGAGATCAAGACACAGAAAAAAGCTTACTTGGAACTGCAGCAAAAATCCGAA
 TCCTCGGACCAAAAAGCATCAGAAGGAGATAGAGAATATGTGCTTAAAAGCAAATAAGCTCACTGGGCAAG
 TTGAAAGTTTGAATGTAAGCTTCAGTTATTGTCAAGTGAAGTAGTGACCAAAGACCAGCAGTACCAAGA
 CTTGCGTATGGAATATGAGACACTGAGGGATTTGCTCAAGTCCAGAGGATCTTCTCTGGTGACAAATGAG
 GATAATCAGCGAAGTCTGAGGATAATCAGAGAAGTCTGAGGATAATCAGAGAGGCTCTTTGGCTTTTG
 AACAGCAGCTGCAGTGAGTATCCTTTGCAATGTAATGGGGAGAAAAGGAAGCATAAATTCAGAAAG
 GAGTGACTGCTCTGTAGATGGGGCCGAAGTCCAGAACATATAGCCATCTTACAAAATAGAGTCACTTCA
 CTTGAAAGTTCTTGGAGTCTAAAACCAGATGAATTCAGATTTGCAAAATGCGGTGTGAAGAGTTGCTAC
 AAATCAAAGGGGAAGTAGAAGAAAACCTCAGTAAAGCAGAGCAGATTCATCAGAATTTTGTGGCTGAAAC
 AAATCAATGTATTAGTAAATGCAGGAAGATGCTGCAGTTCATCAGAATATTGTTGCTGAGACTTTAGCA
 ACCCTTGAGAGTAAGGAAAAAGAGTTACAGCTTTTGAAGAAAAATAGAAGCTCAGCAAACAGAGGTTT
 AAAAGTTAAATAAGAATAACTGTCTTCTTGAAGGTAAGTCTGAAGGAGCTACAGCTTTTATCTGACTCT
 GAGCTCAGAGAAGAAGGAAATGAATTCATCTCATTAAAGTAAAAAAAACATTGAAGAGTTAACCCAA
 GCAAACGAGGCTCTCAAGGAAGTAAATGAGGCCTTAGAGCAGGAGAAAAATGAATTTACTCCAAAAGCATG
 AGAAGATTACAAGCTGTATAGCAGAACAAGAGAGAAGCATTGCAGAGCTGTCTGATCAGTACAAGCAAGA
 AAGACTTCAATTATTACAACGGTGTGAAGAAAACAGAAGCTGTGTTGGAAGATCTCAGGGGAACTACAAA
 ACAGCACAAGAAAACAATGCTAAGTTAGAATGCATGCTCAGCGAGTGCAGTCTCTTTGTGAAAAATAGAA
 AAAATGAACTGGAGCAGTTAAAGGAAACATTTGCAAAGGAACAGCAAGAATTCTTAAACAAAATTAGCTTT
 CGCTGAAGAGCAAAAACAGGAACTAATGCTAGAGTTGGAGATAGAGCAACAAAAGTGTGAGATCCGAGATT
 ACAAACACCAACAAGCATTCCATGAGTGCAGTGTGGCTTAAAGCAAGAATGCTTGACTTTAAACGAAG
 AGCAAAATGAGCAGCAAAAACGAAGTTAGCAACTTAACACATGAGAATGAGCAACTGATGGAGTTAACACA
 GACCAAACATGATTCTTATCTCGCAGTAGACCAGTTGAGAACTGTAAAAGCAACCGAAGATGAGATA
 GGTAAAGTAGTCCCAGTACCAGATGGATATCGACACTAAAGACATTTCTCTAGATAGTTATAAGGCAC
 AGCTGGTACATCTAGAAGCTTTGGTAAGAATTCTGGAAGTACAGCTTGACCAAAGTGAGGAGGAGAACAA
 GAAGCTGCATCTGGAATTACAGACGATTAGAGAGGAGCTAGAAAACCAAGAGTTACAGAGACCCCCAGTCA
 CAGGCAAGGACTGGGCTTAAAGACTGTGACACAGCAGAAGAAAAGTATGTGTCCATGCTACAGGAGTTGT
 CAGCAAGTCAAAACGAGAATGCACACTTACAGTGTCTCTACAGACAGCAGTGAACAAAAGTGAATGAGCT
 AGGGAAAAATGTGTGACGATTGAGAGTTGAAAAGTTACAGCTAGAGTCTGAGCTGAATGACTCACGGACA
 GAGTGTATCACGGCAACTAGTCAAGTGCAGGAGGTCGAGAAGCTAGTGAAGTGAATGAAAATGCTAA
 ACCACGAGAGTGTCTGTCCCAGAAATGAGCTGTGAAGGACACCTCAGGTGGTGAATTTTCATGATAAAGC
 AAACCACAGTCTGTGTTCTTACTCTTTGGACAGTAGCAATTTCTGTGAACAGATGACCTTGTCAAGC
 AAAGAGTCCGAGTGCAGTTTGTGAAATACAGGAGAAATTCCTCTGTTTACAAAGTGAACACAAAATTT
 TACATGATCAGCACTGTGAGGTGAGCTCTAAGATGTGAGCACTGCGTTCCCTACGTGGACACATTAAGGC
 TGAAAATCTGCCTTGTCAATGAGTCTGAGAACCTTGCAAGGAGTACTTGGTAAAGGAGGGGGAGCCTGCA
 GCTGAGGGTGGGCATGGTCTGCCACTGTCGTTCTGTGGGGCAGACAGCCGCTCTTGACAAAATTTGGAG
 AAACGTCCTTTTACAAAGACGTTTTAGAACAACTGGAGACACATGTCATCTAAGTTTAGAAGGGAAACGC
 TTCAGCAAATTTGTGACTTGGATGAAGAGTTCTCCAGCAGTCTGGAGGAGGAGACTCTGACTGAGAAG
 GAAAGCCCACCTGCCCTGGGAGGACTGTTGAGGGACTTGAAGTCTATGCCAGGTGACTTGCAGTCCC
 TCAAGAATCTAGAGGAGAAAACAGAGCCAAAGGATTATGAAAATAAAGAAAATGAAAAGCTTGAGCA
 GTTACTGAGTCTGAGAGGAAAGAGCTAAGCTGCCTTAGGAAGCAGTATTTGTGAGAAAAGGAGCAATGG
 CAGCAGAAGCTAACAAAGTGTCACTTTGGAATGGAGTCCAAGTTAGCAGAGGAGAAAGCAGCAGACCAAGA
 CTCTGTCCCTTGAAGTGTGAGTGTGACGACTTCAAGTACAGGAGCTGGACCTGAGCTCCAGGTCTTTGCT
 TGGCACTGACTTGGAAAGTGTGTTGCGGTGCCAAAACGATAATTTATGATATAAAAAGAAATCAGAAGTATAT
 ATTTAGAGACTACAGAGAAAACACCAAAGCAGGACACTGACCAAACCTTGTGATAAAGATATTAGCAGG
 ACCTTGGTCTGGAACCTCAGTCACTGAGAGTGTGACTACCAGGCTCACAGGAGAGGGGTGTGAAGAGCA

GCCTCCGAAGACCAATTGTGAGGCACCAGCGGAGGACAAAACCCAGGACTGCTCAGAATGCATTTCTGAA
 TTGTGTTCTAGTTCCAATGTTTTGGTGCCCATGGATGTTCTGGAAGATCAGGGGTCTATCCAGAATCTCC
 AGTTGCAGAAAGACACCTTAAATGAGAATTTGAGATTACTTCTGAAGTAGAGGACTGGGACAAAAAAGT
 TGAAAGTTTGCTAAATGAAATATGGAGGCAGATTCAAACCTGAGTTTACAGGAAGTACAGCTCAAGATG
 AAGATTGCAACATGCATACAATTGAAAAAATAGTCAAGGACCTCAGAAAGGAAAAAGCTGACTTAAAGT
 AAAAGTTGGAATCCCTTCCATGTAACCAAGAGGTATGTCTGAGAGTAGAAAGTCAAGAAGATCTTGG
 TTTTAAATTTAGATATGGGAGCAAATGAGTTGTTAAGTAAATCTACTAAAGATAATGCAACCAACACAGAA
 GACAAATTATAAGGAGAAGTTTCTTGATATGGAAAAGAGAACTGACCAGAATTAAGTCTGAGAAAGCTAATA
 TTGAGCATCACATCCTATCTGTGAAAACCTAAGTAAAGAGTGGTTCAAGCAGAGAAGCTCTGTTTGGAAAG
 AGACACTGAAAGTAAAGCAAAAGTTATTATTGACCTTAAAGAAGAAGTATTTACAGTTATAAGTGAAGAGA
 AACAGACTTCGGGAAGAATTAGATAATGTGTCAAAAAGAAAGCAAAAGCACTGGATCAGATGTCTAAAAAGA
 TGAAAGAGAAAAATAGAAGAGCTGGAGTCTACCAAAGGGAGAGCCTCCGTACATTGGGGCAGTAGAGTC
 TGAGGTCAAGGACAAAGCAGATCTTATTACAGCTCTGCCTTTAATGTGGGTGAGCTAACAAAAGACAAA
 GCTCATCTCCAGGAGCAGCTGCAGAATTTGCAGAATGACTCACAAGAATTATCTTTGGCGATTGGTGAGC
 TGGAAATACAAATTTGGACAACCTGAATAAAGAGAAAGAATCACTGGTCAAGGAGTCTCAGAACTTCCAGAT
 CAAGCTGACTGAGTCAGAGTGTGAAAAGCAGACGATCTCTAAGGCCTTGGAGGTGGCACTCAAGGAGAAA
 GGTGAGTTTGCAGTGCAGCTGAGCTCAGCCAGGAGGAGTGCATCAGCTGAGACGAGGCATTGAGAAAAC
 TGAGCGTCCGCATTGAGGCCGATGAGAAGAAGCACCTCAGTGTGTGGCGAAGCTGAAAGAAAGCCAGCG
 TGAAAGCGACTCATTGAAGGATACAGTGGAGACTCTGGAGCGGAACTGGAGAGGTGAGAAGAAAACCAA
 GAGCTGGCAATCTTGATTCTGAGAATTTGAAAGCAGAGGTGGAGACCCTTAAGGCACAAAAGGATGAAA
 TGACAAAAGCCTGAGAATTTTCGAATTAGACCTTGTTACAGTTAGGACTGAAAGAGAAAAATCTAGCAAA
 GCAGCTACAAGAGAAAACAAGTTCGAGTGTGAGAATTAGATGAACGGTGTCTTCTTGGAGAAGCTGTTG
 GAAGAGAAAGGCAAGCAAGAGTACAGATGGAAGAAGACTCTAAGTCTGCAATGCTGATGCTTGCAGATGC
 AGTTAAAAGAACCTCAGGAGGAAGTGGCAGCCTTGTGTAATGACCAAGAAGCTTGAAGGCCCAAGAACA
 GAGTCTAGACCAACCAGGGAGGAAGTGCATCATTGAAAAGTAGCATTGAAAAGCTCAAAGTTCACATA
 GATGCTGATGAAAAGAAGCATCAAAACATCCTAGAACAACTGAAGGAAAGTAAGCACCATGCAGACTTGC
 TTAAGGACCGAGTTGAGAACCTTGAACAAGAATTGATACTATCAGAGAAAAACATGATTTTCCAAGCTGA
 AAAGTCCAAGCAGAGATACAGACTTTAAATCAGAAATCAAAGAATGGCCAAAACCTCCAAGACTTG
 CAGTTAGAACTTATTAGTACAAGGTGAGAAAATGAAAATCTCATGAAAGAATTAAGAAAGAGCAAGAGC
 GAGTATCTGACTTAGAAACAATAAATCTTCTATTGAAAACCTTACTGAAAGATAAAGAGCAAGAAAAAGT
 ACAGATGAAAGAGGAAGCAAAATAACAGTGGAGATGCTTCAAACCTCAATTAAGGAGCTAAACGAGACA
 GTGGTTTCTTGTGCAATGACCAAGAGGTCTCTAAGACCAAGAAGCAGAACTCTGGGTAGTCAAGTACAAA
 CTCTTGAACCTTGAGAAGGCTCAGCTGCTACAGGACCTTGGTGAGGCCAAGAATAAATATATTATTTTCA
 GTCATCTGTAATGCCCCTCACTCAAGAAGTAGAAGCTGGCAAACAGAACTAGAGAAGGGGGAGAAAAGAG
 ATCAGGACACTGAAAGAGCAACTTAAAAGTCAAGGAGCAGCTTGTGTGTAACCTTGCCCAAGTGGAAAGGAG
 AGCAGCAACTCTGGCAGAAGCAGAACTAGAGCTGAGAAATGTGACTATGGCACTGGAGCAGAAAGTCCCA
 AGTGTGCAATCTGAAAACAACAGTTGCGAGAGCACCTATGAAGCACTGCAGAAATCCCACAAGAGTTTA
 GAGAGTGAACCTGGATTGATAAAGTTGGAGAAAGTAGCGCTTGTGAAAGAGTTAGCACAAATATCTGGGA
 AGGAAGCAGAGCTGCAGAGGGAGCTGCGAGATATGCTACAGAAAACAACAGCTGAGCGAAGACTACAA
 TAAAGAGAAAAACAGGCTAACAGAAGAAGTGAAGTGTGCTGCGTGAAGAAGTGCAGAACACCAAAGCAGCG
 CACCTGAAATCTGTGAATCAACTTGAGAAGGAAGTTCAGCGTGTCTCAGGGGAAAAATAAGTTGATGCTCA
 AATCCTGTAGACAGCTGGAAGGAGAAAAGGAGATGCTGCAGAAGGAGCTCTCCAGCTTGAAGCTGCACA
 GCAGCAGAGAGCAGGTTCTCTTGTAGACAGTAACGTAGATGAAGTAAAGTACTGAGAACAAGCGCTGAAA
 GAGACTCTGGAAGAAAAGTCAAGGAAGCAGATAAGTACTTGGATAAGTACTGTTCCCTGCTGATAAGCC
 ACGAGGAGCTCGAGAAAGCCAAGGAGATATTAGAAATAGAAGTTGCTCGGCTGAAGTACACGGCAGTCCAG
 ACAGGATCTCCAGAGTTCTCTTTGCTTAATTCTTCCATTCCAGGACCGTCTCCAATACTTCTGTTAGT
 GAGATGAAGTCAAGTCTGGCCAAAATAAAGCTTCAAGCAAGAGGCAAGGTCCAGTGGGATTTGGGAGC
 ATGGTAAACGGGAGCACCTTCTACAGCAGAGACATTTTCTAAGAAAAGCAGGAAGTCCGGACAGTAAAGAG
 CACTCGCCCTGCTGAGCACGAGCAGGAAACCGAGTTTGAAGCCAGAAAGGCCTCCCGAAGTCTGTTAAAAAA
 GGGTTTGTGACATCCCAACTGGAAGACAAGCCATATATCCTTCGGAGAAACCAATGGCAACCAAGGA
 CCAGCCCCGCTTTGCTACACAGAAGTTAGTGGGATCTTCCCATCTCTGGGCAAGAAAAATGTTGTAGA
 GTCCTCCAACCAACAGCTGGTGGCAGCAGATCACAAAAGGTCAAGGTTGTTTCAAGGAGCTCAGCGGAT

TCACACACTGCCTTCCAAGAACTCCCAGCAAATCTCTCACAGCCAGTAATATTCCTGGGAGAACTCTA
 CAGAGAGCCCCAGGGAGGGCCTGAGGGCCAAGCGGGCCTACCCTGCCTCCAGCCCAGCTGCTGGGCCTGA
 TCCCACGAACAACGAAAAGTCCCGGGTCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001081363
Insert Size:	8994 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>NM_001081363.2</u> , <u>NP_001074832.2</u>
RefSeq Size:	11130 bp
RefSeq ORF:	8994 bp
Locus ID:	108000
Cytogenetics:	1 95.03 cM