

**Total coding sequence of profilin cDNA from *Mus musculus* macrophage**

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We have cloned and sequenced the cDNA of mouse macrophage profilin, comprising the complete coding sequence and 5' and 3' untranslated regions. The mouse sequence has 95% of amino acids in common with the human homologous sequence (1) and 92% with bovine profilin (2). In the coding region, at the nucleotide level, similarity is 94,4% with the human sequence; 65% of the differences concern from the third base of the codon.

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GCTACCGCGACCCGCGACCCAGCAACAGCCGTAGAGCAGCCCGTAGCAGCGCCATGGCCGGGTG      70
                                     M A G W
GAACGCCTACATCGACAGCCTTATGGCGGACGGGACCTGTCAGGACGCGCCATCGTAGGTACAAGGAC  140
  N A Y I D S L M A D G T C Q D A A I V G Y K D
TCGCCCTCCGTCTGGGCGCCGCTCCCGGGAAGACCTTCGTTAGCATTAGCCAGCTGAGGTTGGTGTCC  210
  S P S V W A A V P G K T F V S I T P A E V G V
TAGTAGCAAAGACCGGTCAAGTTTTTTTCGTCAATGGGCTGACACTTGGGGCCAGAAATGTTCTGTGAT  280
  L V G K D R S S F F V N G L T L G G Q K C S V I
CCGGGACTCACTGTGCAAGACGGGAATTTTCAATGGATCTTCGTACCAAGAGCACCGGAGAGCCCCC  350
  R D S L L Q D G E F T M D L R T K S T G G A P
ACTTCAATGTCACTGTCAACATGACTGCCAAGACGCTAGTCTGCTGATGGGCAAAGAAGTGTCCACG  420
  T F N V T V T M T A K T L V L L M G K E G V H
GTGGTTTGATCAACAAGAAATGTTATGAAATGGCCTCTCACCTGCGGCGTTCCAGTACTGACCTCGTCT  490
  G G L I N K K C Y E M A S H L R R S Q Y *
GTCCCTCCCGCCACCGTTCCTTTGGCTTTTGCACCCCTTCTTCCATACACACACATACCATTATTT  560
TTTGGGCCATTACCCCATTTCCCTTATTGTGTCGCAAAACCACATGGGCTGGGGCTGGGGCTGGATGGAC  630
AGACACCTCCCGCTACCCATACCCCTCCTGTGTGTGTTTGGAAAATTTTGTTTTTGGGTTTAATTTTT  700
IGTTTTTGGTCTTTTTTTTTTTTTTTTTTCTGAATAAAAAAGGATTCTACTAACCG

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**References**

1. D. Kwiatkowski & G. Bruns (1988) J.Biol.Chem. 263, 5910-5915.
2. C. Ampe; F. Markey; U. Lindberg & J. Vandekerckhove (1988) FEBS letters 228, 1-17.