

KLF4 alpha cDNA

ATGGCTGTCAGCGACGCGCTGCTCCCATCTTTCTCCACGTT**CGCGTCTGGCCCGGGGGAAG**
GGAGAAGACACT**CGCTCAAGCAGGTGCCCGAATAAC**AGTCATGCCACCCGGTTCCTGCAT
GCCAGAGACCCCAAGCCAAAGAGGGGAAGACGATCGTGGCCCGGAAAAGGACCGCCACCC
ACACTTGTGATTACGCGGGCTGCGGCAAACCTACACAAAGAGTTCCCATCTCAAGGCACAC
CTGCGAACCACACAGGTGAGAAACCTTACCCTGTGACTGGGACGGCTGTGGATGGAATTT
CGCCGCTCAGATGAACTGACCAGGCACTACCGTAAACACACGGGGCACCGCCGTTCCAGT
GCCAAAATGCGACCGAGCATTTCAGGTTCGACCACCTCGCCTTACACATGAAGAGGCAT
TTT**TAA**

KLF4 Full Length cDNA

ATGGCTGTCAGCGACGCGCTGCTCCCATCTTTCTCCACGTT**CGCGTCTGGCCCGGGGGAAG**
GGAGAAGACACT**CGCTCAAGCAGGTGCCCGAATAAC**CGCTGGCGGGAGGAGCTCTCCACA
TGAAGCGACTTCCCCAGTGTCTCCCGCCGCCCCCTATGACCTGGCGGGCGGACCGTGGCC
ACAGACCTGGAGAGCGCGGAGCCGGTGC GGCTTGC GGCGGTAGCAACCTGGCGCCCTACC
TCGGAGAGAGACCGAGGAGTTCAACGATCTCCTGGACCTGGACTTTATTTCTCTCCAATTCGC
TGACCCATCCTCCGGAGTCAGTGGCCGCCACCGTGTCTCGTCAGCGTCAGCCTCCTCTTCG
TCGTCGCCGTCGAGCAGCGGCCCTGCCAGCGCGCCCTCCACCTGCAGCTTACCTATCCGAT
CCGGCCCGGGAACGACCCGGGCGTGGCGCCGGGCGGCACGGGCGGAGGCTCCTCTATGGCA
GGGAGTCCGCTCCCCCTCCGACGGCTCCCTTCAACCTGGCGGACATCAACGACGTGAGCCCC
TCGGGCGGCTTCGTGGCCGAGCTCCTGCGGCCAGAATTGGACCCGGTGTACATTCGCGCGCA
GCACCCGACGCCAGGTGGCGGGCTGATGGGCAAGTTCGTGCTGAAGGCGTTCGCTGAGCG
CCCCTGGCAGCGAGTACGGCAGCCCTCGGTTCATCAGCGTCAGCAAAGGCAGCCCTGACGGC
AGCCACCCGGTGGTGGTGGCGCCCTACAACGGCGGGCCCGCGCACGTGCCCAAGATCAA
GCAGGAGGCGGTCTCTTCGTGCACCCACTTGGGCGCTGGACCCCTCTCAGCAATGGCCACC
GGCCGGCTGCACACGACTTCCCCCTGGGGCGGCAGCTCCCCAGCAGGACTACCCCGACCCTG
GGTCTTGAGGAAAGTGTGAGCAGCAGGGACTGTCACCTGCCCTGCCGCTTCTCCCGGCTT
CCATCCCCACCCGGGGCCCAATTACCCATCCTTCCCTGCCCGATCAGATGCAGCCGCAAGTCC
CGCCGCTCCATTACCAAGAGCTCATGCCACCCGGTTCCTGCATGCCAGAGGAGCCCAAGCCA
AAGAGGGGAAGACGATCGTGGCCCGGAAAAGGACCGCCACCCACACTTGTGATTACGCGGG
CTGCGGCAAACCTACACAAAGAGTTCCCATCTCAAGGCACACCTGCGAACCACACAGGTG
AGAAACCTTACCCTGTGACTGGGACGGCTGTGGATGGAATTCGCCCGCTCAGATGAACTG
ACCAGGCACTACCGTAAACACACGGGGCACCGCCCGTTCAGTGCCAAAATGCGACCGAGC
ATTTTCAGGTTCGGACCACCTCGCCTTACACATGAAGAGGCATTTT**TAA**

KLF4 alpha protein

1 **mavsdallps fstfasgpag rektlrqaga pnnsschpvp** acqrspsqrg eddrpgpkkp
61 pptlvitraa akptqrvpis rhtceptqvr nltvtgtav dgnspaqmn

KLF4 Full Length protein

1 **mavsdallps fstfasgpag rektlrqaga pnnrwreels** hmkrlppvlp grpydlaaat
61 vatdlesgga gaacggsnla plprreteef ndlldldfil snslthppes vaatvsssas
121 assssspsss gpasapstcs ftypiragnd pgvapgggtg gllygresap pptapfnlad
181 indvspsggf vaellrpeld pvyippqqp ppgggimgkf vlkaslsapg seygspsvis
241 vskgsdpdsh pvvapyngg pprtckkik eavsscthlg agpplsnghr paahdfplgr
301 qlpsrttptl gleevlssrd chpalplppg fhphpgpnyp sflpdmqppq vpplhyqqqs
361 rgfvaragep cvcwphfgth gmmltppssp lelmppgscm peepk**pkrggr** rswprkrtat
421 htcdyagcgp tytksshka hlrthtgekp yhcdwdgcpw kfarsdeltr hyrkhtghrp
481 fqcqkcdraf srsdhlalhm krhf

pkrgrr: NLS