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Product datasheet for SC101438

ZNF490 (AK098185) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF490 (AK098185) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF490
Synonyms:	CG7943; MCART1
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for AK098185, the custom clone sequence may differ by one or more nucleotides

ATCAAGGGTGAAGCATGGTGGCTAGCGGAGCCCGCATCCTGACAGGTGTGCTGGCGTGGCCCTCTACCTG
CCCCGCCGCGGCGGCCTGCGGCCAGGAGAAGTAGGCTGGCGACATCTGGCGGGCCGCGGGCCGAGGGAGG
GGAGGCGGGGCGGGGCGGTGTCTCCCTCACGTGACCCCAACAGCGCCCAGCGCGTCGCGCTGCGCCCCAA
CCTCGGGGTCGGTCACAGTCTGCGCCTGCGCGGGCCCCGGCTCGCTAGCCGTCCTGCGGGACGCCGGCGC
TGATGGGAAATCCAGTTATCAAAATTGACTCAAGAAGAGAGAACCTAACAGAACAATAACAATGGAAGAA
ATTGGGAACATTATCACAAAGCTATCATCCTGCCAAACTCCAGGCTCAGATGTCACAGGGTTTCTATTGC
CTGGGCTGGAGTGTAGTGGCATGATCATGGCTCACTATAGCCTTGACTTCCTGGGCTCAAGCGATCCTTC
CGCCTCAGCCTCCTGAGTAGCTGGGACTACAGAGACGGGGTTTCGCTCTTGTGACCAGGCTGGAATGCAA
TGGCGTGATCTCGGCTCACCGCAACCTCCGACCTCTGGGTTCAAGTGATTCTCCTGCCTCCGCCTCCCAA
GTAGCTGGGATTACAGGCATGCGCCACCACGCCTGGCTAATTTTGTATTTTTAGTAGAGATGGGGTTTCT
CCATGTTGGTCAGGCTGGTCTCAAACTCCTAACCTCAGGTGATCTGCCCACCTCGGCCTCCCAAAGTGCT
GGGATTATAGGCGTGAGCCACCGCGCCGGCTGCCTTAAATCTATTTATCTGACGTTCCCAACTAGGAAAT
TTTTTGTCCAAGTGAGTATATCTGATTTTAAAGTAGAAATCGAAGGTAAAATAGGATTTATCTCAGTTCC
TATCTCCCTTCAATCTATTCTTCATATTGTCAATAATTTTTTTTTTTTTTTGAGACGTGGTCTCTGTCGC
CAGGCTGGAGTGCAGTGGTGAAATCTTGGCTCACTGCACCCTCTGCCTCCTGTGTTCAGGCGATTCTCCT
GCCTCAGCCTCCGGAGTAGCTGGGATTGCAGGCATCCGCCATCACACCCGGCTAAATTTCGTATTTTTTC
AGTAGGGACAGGGTTTTGCGCCAGGCTGGTCTCAAACTCCTGACCTTAAGTGATCCACCTGCCTCAGCCT
CCCAAAGTGCTGGGATTACAGGCGTGAGCCGCCGTGCCCGGCCATCAGTAATTTTTTAAAATGTCACTTC
AATAAATGCTTTTCCTCTGCCATAAAGACCAAACATCTTGCTGTGGCCTACAGGAGACAGGATGATCCAG
CCCTTGCCTCCCTTACTCTCATCTCTAGCTAAAACTGCGCTGCTGTCTCTGCACTCCAGCCACTGGCACT
TCCTGATTACTTGGGGCACGCTGTACTCATCTTGCTCCCAGCCTCTGCCCATGCAGGTGCCCTCTGCCCT
CAGCACTGCCTTTCTCTACTTCATTTATAGACTGCTGTCCGTCAGATCTCAGTTGAAGTGTCACTTCCTT
GGGGAAGCTGGCTTACACTCTCGGGACTTGGTTAGGTTCCCCCGTCAGGCTCTTCTATGTCACCATGTTT
CTATTTTTCACAGCACTTACCTGTTTTAATTACGTTGCAAATAGTTTTTGTTTGGGTCTAGAGAAGCATG
TATTCACTAGTACATTTTATTTGTGTTCTCTAATTATTTTTTCTGCAGCTAAATTAGAAATTTGTAGTTT
TCCCCCTAAAAATGCAATGATGTTTTCTCTGATTTTCTTGTCACCTTTCTTCCAAAAAATCCATGTGTTC
AAAGTGCTTGCTTGCAGTTTGCCCCATAATAAATGGTTGTTTAATCC

5' Read Nucleotide Sequence:

>OriGene 5' read for AK098185 unedited
GTCAAATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGTGCCCACCTCG
GCCTCCCAAGTGCTGGGATTATAGGCGTGAGCCACCGCGCCGGCTGCCTTAAATCTATTT
ATCTGACGTTCCCAACTAGGAAATTTTTTGTCCAAGTGAGTATATCTGATTTTAAAGTAG
AAATCGAAGGTAAAATAGGATTTATCTCAGTTCCTATCTCCCTTCAATCTATTCTTCATA
TTGTCAATAATTTTTTTTTTTTTTTTTGAGACGTGGTCTCTGTCGCCAGGCTGGAGTGCA
GTGGTGAAATCTTGGCTCACTGCACCCTCTGCCTCCTGTGTTCAGGCGATTCTCCTGCCT
CAGCCTCCGGAGTAGCTGGGATTGCAGGCATCCGCCATCACACCCGGCTAAATTTCGTAT
TTTTTCAGTAGAGACAGGGTTTTGCGCCAGGCTGGTCTCAAACTCCTGACCTTAAGTGAT
CCACCTGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCGCCGTGCCCGGCCA
TCAGTAATTTTTTAAAATGTCACTTCAATAAATGCTTTTCCTCTGCCATAAAGACCAAAC
ATCTTGCTGTGGCCTACAGGAGACAGGATGATCCAGCCCTTGCCTCCCTTACTCTCATCT
CTAGCTAAAACTGCGCTGCTGTCTCTGCACTCCAGCCACTGGCACTTCCTGATTACTTGN
GGCACGCTGTACTCATCTTGCTCCCAGCCTCTGCCCATGCAGGTGCCCTCTGCCCTCAGC
ACTGCCTTTCTCTACTTCATTTATAGACTGCTGTCCGTCAGATCTCGGNNTGAGTGTCAC
TTCCTTGGNGAGCTGGCTACACTCTNCGGACTGGGTAGGNTCCCCGTCAGCTCTTCTTGT
CACCATGTTCATNTTAGCCCTTTAACCTTTTTAATTACGTGCAAAAGTTTTG

3' Read Nucleotide Sequence:

>OriGene 3' read for AK098185 unedited
TTGTACCGCGCCGCAATCTANGTCGAGTTTTTTTTTTTTTTTTTGGATTAAACAACCAT
TTATTATGGGGCAAACTGCAAGCAAGCACTTTGAACACATGGATTTTTTGGAAGAAAGGT
GACAAGAAAATCAGAGAAAACATCATTGCATTTTTAGGGGGAAAACTACAAATTTCTAAT
TTAGCTGCAGAAAAAATAATTAGAGAACACTTATAAAATGTACTAGTGAATACATGCTTC
TCTAGACCCAAACAAAAACTATTTGCAACGTAATTAAAACAGGTAAGTGCTGTGAAAAAT
AGAAACATGGTGACATAGAAGAGCCTGACGGGGGAACCTAACCGAGTCCCGAGAGTGTAA
GCCAGCTTCCCCAAGGAAGTGACACTTCAACCGAGATCTGACGGACAGCAGTCTATAAAT
GAAGTAGAGAAAGGCAGTGCTGAGGGCAGAGGGCACCTGCATGGGCAGAGGCTGGGAGCA
AGATGAGTACAGCGTGCCCCAAGTAATCAGGAAGTGCCAGTGGCTGGAGTGCAGAGACAG
CAGCGCAGTTTTAGCTAGAGATGAGAGTAAGGGAGGCAAGGGCTGGATCATCCTGTCTCC
TGTAAGCCACAGCAAGATGTTTGGTCTTTATGGCAGAGGAAAAAGCATTATTGAAGTGAC
ATTTTAAAAAATTACTGATGGCCGGGCACGGCGGCTCACGCCTGTTATCCCAGCACCTTG
GGGAGCTGANGCAAGTGGATCACTTAAAGTCAAGAGTTTGAGACCGGCTGGCGCAAAACC
TGGTTTTTCTGAAAAAATCCGAAATTAACGGGTGTTGAGGGCGGAGCCCTGAATCCCAGT
TCCTCCGGAGCTGAGGCGGAAAAATCCCCTGACCCCGGAGGCCAAGGTTGCCTGTGGCCC
AAATTTTCCCCTTGCCCTCCACCCTGGGGACAAGAGCCACGTTTCAAAAAAAAAAAAAAA
TTTTGGCAAT

Restriction Sites: NotI-NotI

ACCN: AK098185

Insert Size: 1250 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:
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: AK098185.1

RefSeq Size: 1867 bp

RefSeq ORF: 1867 bp

Locus ID: 57474

Cytogenetics: 19p13.2-p13.13

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]