

Product datasheet for **MR208069**

Klf11 (NM_178357) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klf11 (NM_178357) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klf11
Synonyms:	9830142A17; D12Ert427e; Tieg2; Tieg2b; Tieg3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208069 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACTCGCCGGCTCCACCGCCCCGGCGACGGCGCGCGCTGACATCATGGACATTTGTGAGTCGA
 TCCTGGAGAGGAAGCGGCATGACAGCGAAAGGTCCACATGCAGCGTCTGGAGCAGACGGACATCGAAGC
 TGTGGAAGCTCTTGTCTGCATGAGCTCTTGGGGTCAAGAGTCCCAGATGAGACCCCTCACGCCTGTCTCT
 GACTCTGGTGACGTCACCACTGTGTGCTTATGGACACAGCTGCACCTGATCTACCAAAGGACTTCCATT
 CTTTTTCAACTCTGTGTATAACTCCTCCTCAGAGCCAGAGCTCACGGAGCCGTCAACAGGGACCCCTGT
 TCCTTCCCAAGTAGTTAACTCCAAGGATGCATGGTCACTGCCCTCCCCCATCCCCTGCTGGGGGCCCC
 AGAACACTGAGCAAGAGGAACCACTGGAGCCAGCCTCAGGGTCTCCTGCAGGGCTGTGATGACCAGTG
 TGATCCGTACACCGGGAGAGTCTGCTCTACGCGCTTCCAAGTGGCCCACTCAAGAGCAACGAGC
 ATCCGACAGCGGAGAAGGACAGGAGCGTTTGTGGACCACCTCGAAGCCTTGACAGACACACGCTTGGCA
 AATGGCTTACTCGTCACTAATTGGTTTCTGTGACGCTTGTTCGACAAGTCCGGTGGTTGCTTCCCCA
 CTGACAAAGGTCAACAGACAGGATGGCCCGCTGCTGTTACAGACCTGCTTACCAAAGAATCCTGAAAGTGA
 CTTGTCAAGGAAAATCACCCCTCTGATTCTGTCCCTGTATCCAGTCCCCCTGCTTTGCCAGATGATC
 CCTGTGGCTGGACAGAATGGCTTGTCTCAGCCTTTTGAACCTCCTACCCAGTTGCCTGCAGGGACTA
 TCAAGCCCATCTACCCAAGCTGCTTCAATGTCTCAGCCTGTGTTTATGGGCCACCTGTGCCTCAGGG
 AACTGTGATGCTGGTCTTGCCACAGAACCTTCCCCAGCCTGCTGCCTGTCCATCCAGTGTATGGCC
 ATTGAAAATACCAAGCTGTTGCCCTTGCCCTGCACCACTGTTCTTGCCTCCAGCCAGAACTACTTCAA
 CTCAGGTAGACTTTTCCGAAGGAGGAACATGTTTGAACCTCCAGGATGCCGGAAGACCTACTTCAA
 AAGTTCACCTTAAAGCTCATCTTCGCACTCACACAGGGGAGAAGCCTTTTACCTGCAGCTGGGACGGC
 TGTGACAAGAAGTTCGAAGGTCAGATGAACTGTCTCGCCACCGCAGGACTCACACGGGAGAGAAGAAGT
 TTGTGTCTCTGTGTGTGACCGCGCTTATGCGGAGTGACCACCTGACAAAGCACGCTCGTCGCCACAT
 GACAACCAAGAAGATCCCAGGCTGGCAGGCAGAGGTGGGCAAGCTGAACAGAATCACTTTGGCAGAGAGC
 CCCGGGAGCATCCTCGAACCTTGCCGGCTCTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208069 protein sequence
 Red=Cloning site Green=Tags(s)

MHSPGSTGPGDGRAADIMDICESILERKRHDSERSTCSVLEQTDIEAVEALVCMSSWQRSQMRPLTPVS
 DSGDVTTAVLMDTAAPDLPKDFHSFSTLCITPPQSPLETSTGTPVPSQVNSKGMVTAALPPSPAGGP
 RTLKREPLEPASGSSCRAVMTSVIRHTGESAPTRFPTGPTQEQRASDSGEGQERLLDHLEALQDTRLA
 NGLLVTNLVSCQPCLHKSGGSFPTDKGQQTGWPAAVQTCLPKNPESDLRKITPLISVPVSPVLCQMI
 PVAGQNGLFSFLKPPQTLPAGTIKPIIPQAASMSQPVFMGPPVPQGTVMVLVLPQNTFPQPAACPSSVMA
 IGNTKLLPLAPAPVFLASSQNCAQVDFSRRRNYVCFNPGCRKTYFKSSHLKAHLRHTHTGKPFCTSWDG
 CDKKFARSDLSRHRRTHTGEKFFVCPVCDRRFMRSDDLTKHARRHMTTKIPGWQAEVGLNRIITLAES
 PGSILEPLPASG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

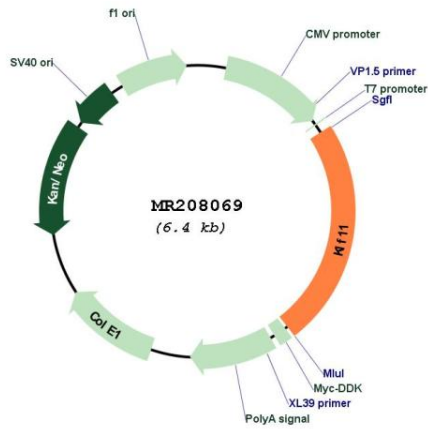
Restriction Sites:

Sgfl-MluI

MW: 54.1 kDa

Gene Summary: Transcription factor. Activates the epsilon- and gamma-globin gene promoters and, to a much lower degree, the beta-globin gene and represses promoters containing SP1-like binding sites inhibiting cell growth (By similarity). Represses transcription of SMAD7 which enhances TGF-beta signaling. Induces apoptosis.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208069