

Product datasheet for **SC205480**

KLF7 (NM_003709) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KLF7 (NM_003709) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	KLF7
Synonyms:	UKLF
ACCN:	NM_003709
Insert Size:	2000 bp



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Insert Sequence:

>SC205480 3'UTR clone of NM_003709

The sequence shown below is from the reference sequence of NM_003709. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTGCCCTCCACATGAAGAGACATATCTAAAAAACCGAAAGGCCAGATTGCCATGGCATCGGCTAGTG
TCTAAAGGAAACGCCATGAGGCAGGGGGCTGGACTTCAGGCGGGGACCCATTGCCTCGCAGAAGAAAGT
TCTCACTTATAAACCTCTGTACACACACACACACACACATATACACACTCACAGACCCACACA
CATACACTGTGCATGCACTCACTATATTTAAAAATATACGTCTATTCTTTATGCCTTGCCCTAGCC
AGATGGAAGAAGATGAAGAAGGAAACCAGGTGAACTCAGCAAGGCAGACTGGCTGCTTACTTCAGCACT
ATTGGAATTATTTCCCGCTGTTGCCAATGGAAATCAAAGAAAATGGATGTGACGTCTGTGCAGGTGGAC
GGCAGTCCGAGGGGCTTATTTCACTTGCTTCTCAGTGCAACTTGATAGGAGAATCCAGCATCTTAAAGT
TGCATATGTGTAGCACTAATGTTTTCTTTTAAATAGTTGGGGGAAAATGACCTAGAAAACCAAATTGCA
GTTTGGTAGCCAAAATTAACTCTTGTTTATTTGTCTTTGTGTGTGAAAAGTCCTACTATTCCGTGCG
TCAGACTTCTCACAGAACTGTTGACTGGTTTTGGTTCTTAGTACTATTGAGATCTTTCCGTCGATCC
CAACGGCCTTAGCGGCGGAGACTGGAATAACACCTTACACCTTTCTGGCCTGCATTTCTGTAGACTTC
ACTCTCAAGGGAGGAGTTTTCTTTCTTACGTTTTGACTTTTGCACACCATATGCACTAGGGATTCTGG
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TGAGCCTCACCTATTGCCAGTGCTAGATTTTTCTTTTAACTCTCTCCGTTTTTGCTAACGAAAACT
GAAAAGCTTATTTGGAAGCTTAAATGTTTTATCTTTTCCATGGACTAAACCTCTCCAGGACTCTCTC
GGCACCTGGATGCCAGCTCTCGAAGCAGCCAGTCAGATGGACATCACAGTTCTCTCATCCTCCTTGA
GGCATGATGACCTCAGCTCATAGTGATCAACCGTTGTGCTGTGTGTCATTGCTACCCCATAAACAGTTA
CAGCATAGATGTCGCTAGTCTCAGAGGGCAGCTGCGTATTTAATTTAACTCTGGTTTATGACCTGACAA
AAAGCCAAAAATATCACTCTTCCAGGAGTGGGAAAACTGAGGATGCCTCCCAAGTCTAGTGGCTTCA
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TTTAAACGCCATTGTGGGAGTGAAGGGTTGACATTTAAGGAAAAGGTTGAGGTGTTTCTCATGGGC
TGCTAAAAGGAGAGACACGTTTCTTTCTTTCTTTTTTTTTGGCTAGGCCACCATGACTTGTGACC
TAGAACCCCGAGGATTAACAGAGGCCTCACATTTACTCTGCAAGCTGACTCCAAAGGAGTCTACAGTCC
TTACTTGTGCATGCCACTCACACATCCAGTAGTGGTCTCTATCTACCCGATTCTAGCTAGCTGGCA
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AGGACAGATTGTATATTTGTATATTCTGGGACCATCCCTTCAAGACACGTCTATAAAACAAAAATGGC
GCTTGGTCCACACACGGTTGCTGCTCCCTCCTACCAGCTGGCTCCCTCCTGTCTCCTTTGACTGTTT
GACTCATTGACTGTTAAATGCCACCCCATACATATTTGGGATGCAAAACTGAAGTCAAAAGGAAATAA
TATAAGAAACACAAACACATATATGACAGCAACCTTCAAGATCTGGGTTTTCAGCTTTCTGCAACCTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_003709.4](#)

Summary:

The protein encoded by this gene is a member of the Kruppel-like transcriptional regulator family. Members in this family regulate cell proliferation, differentiation and survival and contain three C2H2 zinc fingers at the C-terminus that mediate binding to GC-rich sites. This protein may contribute to the progression of type 2 diabetes by inhibiting insulin expression and secretion in pancreatic beta-cells and by deregulating adipocytokine secretion in adipocytes. A pseudogene of this gene is located on the long arm of chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]

Locus ID:

8609

MW:

75.6