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Product datasheet for SC205170

FGF18 (NM_003862) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	FGF18 (NM_003862) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	FGF18
Synonyms:	FGF-18; ZFGF5
ACCN:	NM_003862
Insert Size:	395 bp
Insert Sequence:	>SC205170 3' UTR clone of NM_003862 The sequence shown below is from the reference sequence of NM_003862. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC CAAGAGGTCCCGTCGGATCCGGCCCACACACCCTGCC**TAG**GCCACCCCGCCGCGGCCCCTCAGGTCGCCC TGGCCACACTCACACTCCCAGAAAACTGCATCAGAGGAATATTTTTACATGAAAAATAAGGAAGAAGCTC TATTTTTGTACATTGTGTTTAAAAGAAGACAAAAACTGAACCAAAACTCTTGGGGGGAGGGGTGATAAGG ATTTTATTGTTGACTTGAAACCCCCGATGACAAAAGACTCACGCAAAGGGACTGTAGTCAACCCACAGGT GCTTGTCTCTCTCTAGGAACAGACAACTCTAAACTCGTCCCCAGAGGAGGACTTGAATGAGGAAACCAAC ACTTTGAGAAACCAAAGTCCTTTTTCCCAAAGGTTCTGAAAGGAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
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_003862.1

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Summary: The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth, and invasion. It has been shown in vitro that this protein is able to induce neurite outgrowth in PC12 cells. Studies of the similar proteins in mouse and chick suggested that this protein is a pleiotropic growth factor that stimulates proliferation in a number of tissues, most notably the liver and small intestine. Knockout studies of the similar gene in mice implied the role of this protein in regulating proliferation and differentiation of midline cerebellar structures. [provided by RefSeq, Jul 2008]

Locus ID: 8817