

## Product datasheet for **SC306059**

### **KLF14 (NM\_138693) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	KLF14 (NM_138693) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLF14
Synonyms:	BTEB5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_138693 edited GTCAAGGCCACCATGTCGGCCCGCTGGCGTGCCTGGACTACTCGCCCGGAGTGCCT GGTGTCATGTCGCGGGCGCGTGGTTACCGCCCGCCCGGACCCCGAGGGCGCGGG TGGAGCCGCAGGCTCGGAGGTGGGTGCGGCGCATCCGGAGTCCGCTCTGCCGGTCCGGG GCCATCGGGGCCCGCTCGGTCCCCAGCTCCCGCAGGTCCCGCCCCAGCCCCGGCGC GGCGGGCGCCGCCACCTGCTGGTGAAGCGTCTGGGCGGACTTGCAGCGCAGCTC TGGCGAGGGCTCCTGGGAGAACTCGGGGAAGCTCCACGCGCCTCGTCCGGCTTCTCCGA CCCGATCCCGTGTCCGTCCAGACCCCGTGTCCGAGCTGGTCCCGCCTCCGGCGCCGC GGCGGTCTGCGTCCCGAGAGCTCCTCCGATGCGCCCGCGTCCCAAGCGCGCTGCTGC CCCGGGCGCACCAGCAGCTCTGGTGGTTCTCTGGAGGGGCCCTAGGGGAGGCCCGC CCCCGCCGCGGATCAGGCGCCCCGAGGAGGTCTGTACACCTGCTGCCAAGCGCCACCA ATGCCCTTCCCGGGTGCACCAAAGCCTATTACAAGTCGTGCGACCTCAAGTCCACCA GCGCACCCACACGGGTGAGCGCCCTTTCTCCTGCGACTGGCTCGACTGCGACAAGAAGTT TACGCGTTCGACGAGCTGGCCCGCCACTACAGGACGCACACGGGCGAGAAGCGCTTCTC CTGCCCTCTGCCCAAGCAGTTCTCCCGGAGCGACCCTGACCAAGCATGCTCGCCG CCACCAAACCTATCATCCAGATATGATCGAGTACCGGGGACGTCGTCGAACTCCCCGCAT CGACCCGCCACTCACCAGCGAGGTGAAAGCTCCGCTCCGGTCCGGTCCCGGCCCGGCG GCCAGCTTACCACCTGCCTGTAGG
Restriction Sites:	Please inquire
ACCN:	NM_138693
Insert Size:	1000 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_138693.1.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_138693.1</a></u> , <u><a href="#">NP_619638.1</a></u>
<b>RefSeq Size:</b>	1383 bp
<b>RefSeq ORF:</b>	972 bp
<b>Locus ID:</b>	136259
<b>UniProt ID:</b>	<u><a href="#">Q8TD94</a></u>
<b>Cytogenetics:</b>	7q32.2
<b>Gene Summary:</b>	This intronless gene encodes a member of the Kruppel-like family of transcription factors. The encoded protein functions as a transcriptional co-repressor, and is induced by transforming growth factor-beta (TGF-beta) to repress TGF-beta receptor II gene expression. This gene exhibits imprinted expression from the maternal allele in embryonic and extra-embryonic tissues. [provided by RefSeq, Jul 2013]