

Product datasheet for RN200568

Klf6 (NM_031642) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klf6 (NM_031642) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klf6
Synonyms:	Aa1017; Copeb; CPBP; Zf9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200568 representing NM_031642 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAACTTTACCTGCGCTCCCGGAACAGTTTCTGCTCCGACTCCTGATCGTTACCTCCCTGTTTTTC
CCGACAGCGGGGACTGTCTTTTCCAACCCGACATGGATGTGCTCCCAATGTGTAGCATCTCCAGGAACT
ACAGATTGTGCAGAAACGGGCTACTTCTCGGCTCTGCCGTCCTGGAGGAATATTGGCAACAGACCTGC
CTGGAGTTGGAACGCTATCTTCAGAGTGAGCCCTGCTACGTGTCAGCCTCTGAGATAAAATTTGACAACC
AGGAAGACCTGTGGACAAAATCATTCTAGCACGGGAGAGGAAGGAGGAATCAGAAGTGAAGATTTCTTC
TAGTCCCCCAGAGGACTCTGATCAGCTCCGGCTTTAATTATAACTTAGAGACCAATAGCCTGAACTCT
GATGTCAGCAGCGAATCTTCAGACAGTTCGGAGGAACTTTCGCCACGACCAAGTTTACCTTGACCCCA
TTGGTGAAGTCTTAGTCAATTCAGGAACTGAGTTCCTCGGTCAATTTCCACACCTCCTTCTTCCCGA
AGTAAATAGGGAATCTTCTCAACTATGGGGCTGTGGCCAGGAGACCTGCCCTCACCTGGGAAGGTTCGA
AGTGGGACCTCGGGGAAGTCTGGCGACAAGGGTAGTGGCGACGCCTCCCCAGATGGCAGAAGAAGGGTAC
ATCGGTGCCATTTAACGGCTGCAGGAAAGTTTACTAAAAGCTCCCACTTGAAAGCACATCAGCGCAC
TCACACAGGAGAAAAGCCTTACAGATGCTCTTGGGAAGGTTGTGAGTGGCGTTTTGCAAGAAGTGATGAG
TTGACCAGACACTTCCGAAAGCATACTGGTGCCAAAGCCTTTTAAATGCTCTCACTGTGACAGGTGTTTCT
CCAGGTCTGACCACCTGGCCCTGCACATGAAGAGGCATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031642
Insert Size:	954 bp



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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:	<ol style="list-style-type: none">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:	NM_031642.4 , NP_113830.2
RefSeq Size:	4206 bp
RefSeq ORF:	954 bp
Locus ID:	58954
Cytogenetics:	17q12.1
Gene Summary:	activates transcription from the collagen alpha (I) promoter in vitro; may play a role in activation of hepatic stellate cells in response to injury [RGD, Feb 2006]