

Product datasheet for MR204582

Klf6 (NM_011803) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klf6 (NM_011803) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klf6
Synonyms:	AI448727; BCD1; C86813; Copeb; CPBP; FM2; FM6; Ierepo1; Ierepo3; R75280; Zf9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204582 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAACTTTACCTGCGCTCCCGGAACAGTTTCTGCTCGGACTCCTGATCGTTCACCTCCCTGTTTTTC
CCGACAGCGAGGACTGTCTTTTCCAACCCGACATGGATGTGCTCCCAATGTGTAGCATCTCCAGGAACT
ACAGATTGTGCACGAAACGGGCTACTTCTCGGCTCTGCCGTCCCTGGAGGAATATTGGCAACAGACCTGC
CTGGAGTTGGAACGCTATCTTCAGAGTGAGCCCTGCTACGTGTCAGCCTCTGAGATAAAATTTGACAGCC
AGGAAGACCCGTGGACCAAATTCATTCTAGCTCGGGGGAGAAGAAGGAGGAATCAGAATGAAGATTTTC
TTCTAGTCCCCCAGAGGACTCTCTGATCAGCTCCAGCTTTAATTATAACTTAGAGACCAATAGCCTGAAC
TCTGATGTCAGCAGTGAGTCTTCGGACAGTTCAGAGGAACTTTCACCCACGACCAAATTTACCTCTGATC
CCATTGGTGAAGTCTTAGTCAATTCAGGAAATCTGAGTTCCTCCGTCATTTCCACACCTCCATCTTCTCC
AGAAGTGAACAGGGAATCTTCTCAACTATGGGGTTGTGGGCCAGGAGACCTGCCCTCACCTGGGAAGGTT
CGAAGTGGGACCTCTGGGAAGTCTGGTGACAAGGTAATGGCGACGCCTCCCCAGATGGCAGAAGACGGG
TACATCGGTGCCACTTTAATGGCTGCAGGAAAGTTTAACTAAAAGCTCCCACTTGAAGCACATCAGCG
CACTCACACAGGAGAAAAGCCTTACAGATGCTCATGGGAAGGTTGTGAGTGGCGTTTTGCAAGAAGTGAT
GAGTTGACCAGACACTTCCGAAAGCATACTGGTGCCAAGCCTTTTAAATGCTCCCACTGTGACAGGTGTT
TCTCCAGTCTGACCACCTGGCCCTGCACATGAAGAGGCACCTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR204582 protein sequence
Red=Cloning site Green=Tags(s)

MKLSPALPGTVSARTPDRSPPCFPDSEDCLFQPDMDVLPMCSIFQELQIVHETGYFSALPSLEEYWQOTC
 LELERYLQSEPCYVSASEIKFDSQEDPWTKFILARGEKKEESELKISSPPEDSLISSFNYNLETNSLN
 SDVSSSESSSEELSPTTKFTSDPIGEVLVNSGNLSSSVISTPPSSPEVNRSSQLWGC GPGDLPSPGKV
 RSGTSGKSGDKNGDASPDGRRRVHRCHFNGCRKYYTKSSHLKAHQRTHTGEKPYRCSWEGCEWRFARSD
 ELTRHFRKHTGAKPFKCSHCDCRCFSRSDHLALHMKRHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_011803

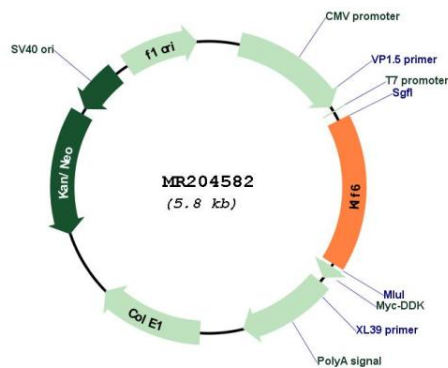
ORF Size: 957 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:	<u>NM_011803.2, NP_035933.2</u>
RefSeq Size:	4217 bp
RefSeq ORF:	957 bp
Locus ID:	23849
Cytogenetics:	13 A1
MW:	35.6 kDa

Product images:


Circular map for MR204582