

Product datasheet for **MC227481**

Kdf1 (NM_001083916) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kdf1 (NM_001083916) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kdf1
Synonyms:	1810019J16Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC227481 representing NM_001083916 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCCAGGCCGGGACAGCCCCGCCATCATCTGGGCTCCACGCTTGGGGCCCTGGGAGAGGCCATCAG
AGTTATGCCTGGAACGAACGATGAGCGCTCCAGCCCCACGGGCCGTCGACCAGGAGGCCAGACCC
TAAGGACCCTGGCCACCACGGGCCAGAGATATCACCTTCATTTAGGCTCTGCAGAACCAGCCAACGAG
CCCCAACCTGCTGCCTCCTCTGGCGCCCTGGGGTTGGGACTGGTGTAGGGCTGCCTTCTGCTTCCGAC
GCTGCAGGGATTGCTGCAGCGCTGTGGGGCTTGTGTGCGGGCTGCAGCCCTGCTTGTCTGCCGAGA
CCCCATTGAAGGGTCTGCCGAAGCCGCTGGGCCAAGGAACACAATGGTGTGCCCCCAGCCAGACCGT
GCACCCCCCAGCCGCGGGATGGCCAGAGGCTCAAGACAAGCATGGGCAGCAGCTTCAGTACCTGATG
TTAAGCTCAAAGGCATCCCTGTCTACCCCTACCGCATGCCACCTCCCCAGTCCCTGACGTGGACTCCTG
CTGCAAGGAGCCCTGGCCGAGCCTCCTCCACGCGGCACAGCTTGCTAGCACCTTCACCAACAGCCCC
CGCGGCTCTGAGGAGTACTCCTTCCATGAATCGGACCTGGACCTGCCTGAGATGGGCAGTGGCTCCA
TGTCGAGCCGGGAGATCGACGTGCTTATTTCAAGAAGCTGACAGAGCTGTTAGCGTGCACCAGATTGA
CGAGCTGGCCAAGTGCACATCGGACACCGTGTCTGGAGAAGACCAGCAAGATCTCAGACCTGATCAGC
AGCATCACGAGGACTACCACCTGGATGAGCAAGACGCCGAGGGCCGCTGGTGGGGGCATCATCCGTA
TTAGTACCGCAAAAGCCGCTCCCGCCACAGACCTCCGAGGGGCGCTCAGCCCGCTCTACTGCCCTGC
TGCTGCCCCCAGAGTGGCCATGAGACCATGCTGGGCTCTGGCCTCAGCCAGGACGAGCTGACAGTCCAG
ATCTCCAGGAGACAACCGCAGATGCCATCGCCAGGAACTGAGGCCGTATGGAGCCCCAGGGTACCCAG
CCAGCCAAGACTCATCATTCCAGGGCACGGACACAGACTCTTCAGGGCACCCCTGCTGCAGGTGTACTG
CTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001083916
Insert Size:	1194 bp
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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001083916.1 , NP_001077385.1
RefSeq Size:	1804 bp
RefSeq ORF:	1194 bp
Locus ID:	69073
UniProt ID:	A2A9F4
Cytogenetics:	4 D2.3
Gene Summary:	Plays a role in the regulation of the epidermis formation during early development. Required both as an inhibitor of basal cell proliferation and a promoter of differentiation of basal progenitor cell progeny.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.