

Product datasheet for RN202660

Kdf1 (NM_001004268) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kdf1 (NM_001004268) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kdf1
Synonyms:	RGD1303271
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202660 representing NM_001004268 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCAGGCCGGGACAGCCCCGCCATCGTCTGGGCCTCCACGCTTGGGGCCCTGGGAGAGGCCACAG
AGTTATGCCTGGAACGAATGATGAGCGCTCCAGCCCCACCAGGCCGTCGCACCCGGAGGCCAGACCC
TAAGGACCCTGGCCACCACGGGCCAGAGCATCACCTTCATTTACAGGCTCTGCAGAACCAGCCAACGAG
CCCCAACCTGCTGCCTCCTCTGGCGCCCTGGGGTTGGGACTGGTGTAGGGCTGCCTTCTGCTCCGAC
GCTGCAGGGATTGCCTCCAGCGCTGTGGAGCTTGTGTGCGGAGCTGTAGCCCTGCTTATCTGCTGGAGA
CCCCATTGAAGGGTCTTCGGAAGCCGCCTGGGCCAAGGAACACAACGGTGTGCCTCCAGCCAGACCGA
GCACCCCCAGCCGCGGGATGGCAAAAAGCTCAAGACCAGCATGGGCAGCAGCTTCAGCTACCCTGATG
TTAAGCTCAAGGGCATCCCGGTCTACCCCTACCGCATGCCACCTCCCCGTCCCTGACGCGGACTCCTG
CTGCAAGGAGCCCTGGCAGACCCTCCTCCACACGGCACAGCTTGCCTAGCACCTTCACCAGCAGCCCC
CGTGGCTCTGAGGAGTACTATTCCTCCATGAATCGGACCTGGACCTGCCGAAATGGGCAGTGGCTCCA
TGTCGAGCCGTGAGATCGACGTGCTTATTTCAAGAAGCTGACAGAGCTGTTCAAGTACATCAGATTGA
CGAGCTGGCCAAGTGCACATCAGATACCGTGTCTGGAGAAAACCAGCAAGATCTCAGACCTGATCAGC
AGCATCACACAGGACTACCACCTGGATGAGCAAGACGCTGAGGGCCGTCTAGTCCGAGGCATCATCCGCA
TCAGTACCCGCAAAAGCCGCTCGCGGCCACAGACCTCTGAGGGGCGCTCAGCCCGCTCTACTGCTCCTGC
TGCTGCCCCGACAGTGGCCATGAGACCATGGTGGCTCTGGCCTCAGCCAGGATGAACTGACAGTGCAG
ATCTCCCAAGAGACAACCGCAGATGCCATCGCCAGGAAGCTGAGGCCATATGGAGCCCCAGGGTACCCAG
CCAGCCAAGACTCATCCTTCCAGGGCACGGACACAGACTTTCAGGTGCACCCCTGCTGCAGGTGTACTG
CTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001004268
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).
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_001004268.1</u> , <u>NP_001004268.1</u>
RefSeq Size:	1718 bp
RefSeq ORF:	1194 bp
Locus ID:	313018
UniProt ID:	<u>Q6AY88</u>
Cytogenetics:	5q36
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 (By similarity).[UniProtKB/Swiss-Prot Function]