

Product datasheet for **RN202720**

Klf12 (NM_001107281) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klf12 (NM_001107281) Rat Untagged Clone
Tag: Tag Free
Symbol: Klf12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN202720 representing NM_001107281
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAATATCCATACGAAGAGGAAAATCATAAAGAATCTCACCACCCTTGAGAACAGAATGCTAATGTTTG
ATGGGATGCCGGCAGTCAGAGTCAAACAGAACTTTTGGAAATCTGAACAAGGGTCTCCAACGTCCACAA
CTACCCGATATGGAAGCTATCCCTCTTGCTAAATAATGTGAAAGGGGAGCCCGAGGACTCATTG
CCTGTAGATCACTTCCAGACACAACTGAGCCAGTGGACTTGCAATCAACAAAGCCAGGACCTCCCTA
CCGCAGCTTCATCCTCCCGAGTCTCCATGACAGCGTCTGCCTCCTCACCGTCTTCAACTCGACCTCTT
ATCATCTTCTAGTCGCCCAGCCTCATCCCCACCGTTATAACGTCAGTATCTTCAGCATCGTCTTCATCA
ACAGTGTATCTCCAGGACCCCTCGTTGCCTCCGCGTCCGGCATGGGCGGCCAGCAGTTTTTGCACATCA
TCCATCCTGTCCCACCTCCAGTCCCATGAACTTACAGTCTAACAACTCAGTCATGTTTCATCGGATCCC
CGTGGTGGTACAGTCAGTGCCGGTTGTCTACACAGCTGTACGGTACCCGGGAAATGTGAACAACACTATT
GTTGTACCGCTCCTGGAGACGGGAGGAGCCATGGCAAAGTTCAGTTCTGCACGTAATTGTAATTTATT
ATATATGCCTTTTCTTCCAGCACAAATGGAGCCCGAGGCTGTCTCCAGACAGAGTAAAAGTGACAG
TGATGATGATGACCTGCCAAATGTGACCTTAGATAGCGTTAATGAACTGGATCCACGGCCCTTCCATA
GCCAGAGCAGTACAAGAGGTCCATCCATCTCCAGTATCCAGGGTCCGAGGAAATCGAATGAATAACCAGA
AGTTTGCTTGTTCAATCTCACCATTTAGCATTGAGAGCACAAGACGCCAGAGACGATCAGAATCTCCAGA
TTCCAGGAAGAGGCGCATCCATAGATGTGACTTCGAGGGGTGCAACAAAGTATACACAAAAGTTCTCAC
CTGAAGGCACACCCGAGAACACATACAGGAGAGAAGCCCTACAAATGCACGTGGGAAGGCTGCACCTGGA
AGTTTGCCCGTTCAGATGAACTGACCAGGCATTACCGCAAACACCGGGAGTGAAGCCATTCAAGTGCGC
GGACTGTGACCGCAGCTTCTCCAGGTGACACCCTGGCACTGCACCGTAGGAGGCACATGCTGGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001107281
Insert Size:	1260 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_001107281.1</u> , <u>NP_001100751.1</u>
RefSeq Size:	2622 bp
RefSeq ORF:	1260 bp
Locus ID:	306110
Cytogenetics:	15q21