

Product datasheet for RN213487

Clk4 (NM_001013041) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clk4 (NM_001013041) Rat Untagged Clone
Tag: Tag Free
Symbol: Clk4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN213487 representing NM_001013041
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATGGCTTACATGTGGCAGTGAAAATTGTAAAAATGTAGGCCGTTACCGGGAGGCAGCTCGCTCTG
 AAATCCAAGTGCCTGGAGCACTTGAACAGCACTGACCCCAATAGTGTCTCCGATGTGCCAGATGCTAGA
 ATGGTTTGATCATCATGGTCATGTTTGTATTGTGTTTGAGCTGCTGGCCTTAGTACCTATGATTTTATT
 AAAGAAAACAGCTTTCTGCCATTTCAAATTGATCAGCAATGGCTTATCAGATCTGCCAATCTA
 TAAATTTTTTACATCATAATAAATTAACACACACGGATCTAAAACCTGAAAATTTTTATTGTAAGTC
 TGACTATGTGGTCAAATACAATTCATAAATGAAAACGAGATGAGCGCACGTTGAAAAACACAGATATCAAA
 GTTGTTGACTTTGGAAGTGCGACATATGACGATGAACATCATAGTACTTTGGTGTCCACAAGACACTACA
 GGGCTCCAGAGGTCATTTGGCTTTAGGTTGGTCTCAGCCTTGATGTTTGGAGCATAGGCTGCATTCT
 TATTGAGTATTACCTGGATTACAGTCTTTCAGACTCATGATAGTAAAGAACACCTGGCAATGATGGAG
 CGGATACTCGGGCCATCCAGCACACATGATCCAAAAGACAAGGAAACGCAAGTATTTCCACCATAACC
 AGCTAGATTGGGATGAGCATAGTTCAGCTGGGAGATACGTTAGGAGACGCTGCAAGCCGTTAAAGGAATT
 TATGCTGTGTACGATGAAGAGCATGAGAAGCTGTTTGACCTGGTTGGAAGAATGTTGGAGTATGACCCA
 AAAAAAGGATTACCTTGATGAAGCTTTCAGCACCCCTTCTTTGACTTATTAAGGGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013041
Insert Size: 906 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:	<u>NM_001013041.1, NP_001013059.1</u>
RefSeq Size:	1416 bp
RefSeq ORF:	906 bp
Locus ID:	287269
Cytogenetics:	10q22