

Product datasheet for RR214919

Nkiras1 (NM_001107252) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nkiras1 (NM_001107252) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Nkiras1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214919 representing NM_001107252
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGAAAAGGTTGCAAGGTTGTCGTTTGTGGGCTGTTGTCCGTTGGGAAAACGCAATTTTGGAGCAAC
TCCTTTATGGGAATCACACTATTGGCATGGAAGACTGTGAAACGCTGGAAGACGTGTACATGGCATCTGT
GGAGACAGACCGTGGGGTGAAGGAGCAGCTGCACTTGTACGACACCCGAGGCCCTGCAGGAAGGCGTGGAG
CTGCCTAAGCACTATTTCTCATTGCGCGAGGCTTCGTTCTCGTGTACAGCGTGAATAACCTCGAGTCCT
TCCAGAGAGTGGAGCTTCTGAAGAAAGAGATTGATAAGTTCAAAGACAAAAGGAGGTGGCAATCGTTGT
GTTAGGAAACAACTGGACCTTTCTGAGCAGAGGCAAGTGGACGCTGACGACGACAAACAGTGGGCTAGA
AGTGAGAAGGTGAAGCTCTGGGAGGTGACGGTACGGACCGCAGGACGCTGATTGAGCCCTTCACACTAC
TGGCCAGCAAGCTTTCCAGCCCCAGAGCAAATCTAGCTTCCTCTGCCAGGGAGGAAAAACAAAGGAA
CTCCAATCCGAAAAC

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214919 representing NM_001107252
 Red=Cloning site Green=Tags(s)

MGKGCKVVVCGLLSVGKTAILEQLLYGNHTIGMEDCETLEDVYMASVETDRGVKEQLHL YDTRGLQEGVE
LPKHYSFADGFVLVYSVNNLESFQRVELLKKKEIDKFKDKKEVAIVVLGNKLDLSEQRQVDADAAQQWAR
SEKVKLWEVTVDRRTLIEPFTLLASKLSQPQSKSSFPLPGRKNKGNSEN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



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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_001107252.2, NP_001100722.1</u>
RefSeq Size:	2554 bp
RefSeq ORF:	579 bp
Locus ID:	305751
Cytogenetics:	15p16
MW:	21.6 kDa