

Product datasheet for **RN204783**

Krit1 (NM_001108618) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Krit1 (NM_001108618) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Krit1
Synonyms:	RGD1305929
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204783 representing NM_001108618
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGAAATCCAGAAAACATAGAAGATGTATACGTTGCGATTATCCGACCAAGAACACTGCCAGTCTCA
 ACTCTCGGGAGTATAGAGCTAAGTCCTATGAAATTTTATTGCATGAAGTCCATTGAAGGACAGAAAA
 GAAGAGAAAAGAAAGTTTTGCTGGAACTAACTTCAAGGCAATAGTGAATAGCACAAGGCATATTGGAC
 TATGTAGTAGAAAACACAAACCAATTTCTCTGCAAACAGGGGATCAAAGGAAAACGAGTGGTCTGA
 TGAAGAAATTTCTCTGGATGGAGAGAAGACAGGCAGGGAAGCAGCACTATTTATTGTTCCATCAGTCGT
 CAAAGATAATACTAAATATGCATATACTCCCGGATGTCCAATCTTTACTGCTTACAAGATATTATGAGA
 GTTTGTAGTGAATCCAGTACTCACTTTGCAACACTTACAGCAAGAATGTTAATAGCCTTGGATAAGTGGT
 TAGATGAACGTCATGCACAATCTCACTTTATTCCAGCTTTATTCCGACCTTCTCCCCTTGAACGGATAAA
 GACAAATGTCATAAACCCCTGCGTATGCTGCTGAACTAGGTGAGTAAAGAACTACTACATATGGGCTAT
 AGTGCCTAGAAAATAAAGAGTAAAATGCTAGCCCTAGAGAAAGCAGACACCTGCATTTATAACCCCTTGT
 TTGGGTGAGATCTTCAAGTATACAATCGGGTAGATAAAAGTGGTAATAAATCCATACTTTGGTCTCGGAGC
 TCCAGACTACTCAAAAATCCAAATCCCAAACAGGAAAAGTGGCAGCGAAGCATGAGCAGTGTGTGGAG
 GACAAAGAACGACAATGGGTTGATGACTTTCTTTACATCGAAATGCCTGTGAAGGAGATTCAGAATTAC
 TAAGCCATCTTCTGGATAAAGGATTTTCAGTCAACCACTAGATAATGACCACTGGGCACCCATTTCATTA
 TGCATGCTGGTATGGAAGGTTGAGGCCACTCGCATATTATTAGAGAAAGGAAAGTGAATCCAAACCTT
 TTAATGGCCAGCTCAGCTCACCCTTCATTTTCTGCTGAGGGGGACATTCGGAAATAGTACAGATCC
 TTCTAACTCACCAGACATTGACAGACACATAACAGACCAACAAGGAAGTCCCAATTAATGTTGTGA
 AGAAAACAAACAAAATAAAGTGGGAAGAAGCTGCAAAATTTGTTGAAAGAAGCCATTAACAAGCCATATGAA
 AAAGTCCGAATCTACAGAAATGGATGGGTGATATCGTTCTGTTGAACTCAAGCACGCAATATACCACGG
 CGCAGCAGATAATGGAAGGAATGAGACTCTCTCAGGAACTCAGCAATGCTTCACTATTTGGATCTGTTT
 AGAGAATCTTAGTCTTCAAGCTTATCATAAACCCCTTGAACAAGTTCGTGACTGGCCAGAAATA
 CTTGCTGAATTGACTAATTTGGATCCACAAGAGAAACACCACAGCTTTTCTAAGAAGAGATGTGGGAC
 TTCCTTTAGAAGTTGAGAAAAAGATTGAAGACCCACTAGCTATTCTTATTCTCTTTGATGAAGCCAGATA
 TAATTTACTGAAGGGCTTTTATACGGCTCCTGATGCTAACTGATAAAGTGGCAAGTCTACTGTTACAA
 ATAGTTTATGGGAATTATGAGAGTAAAAACACAACAAGGTTTCTTAAATGAAGAAAATCTGAAATCCA
 TCGTACCTATTACTAACTGAAAAGTAAGGCACCTCACTGGATAAATCGGATACTCCATGAGTACAAGAA
 CCTTAGCATGAGTGAGGGTGTGAGTAAAGAAATGCATCACCTGCAACGCATGTTTCTACAGAACTGCTGG
 GAAATTCCTACATACGGAGCAGCTTTTTTACAGGACAGATATTTACAAAGGCAAGCCCAAGCAATCATA
 AAGTCAATCCCTGTGTATGTGGGAGTGAACATCAAAGGACTTCACTCTCTAAACATGGAACTAAGGCCTT
 ACTCATCAGCCTTAAGTACTGTTGCTTTACGTGGCAGCTGGGAGATGCTGGTACTTGTTTTCAAATCCAC
 AGTATGGAAAATAAATGAGCTTTATAGTACACAAAAACAGGCTGGTCTTGTGGTAAAGCTGCTAATGA
 AGTTAAATGGACAATAATGCCCTCTGAAAGAAATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001108618
Insert Size: 2211 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_001108618.1, NP_001102088.1</u>
RefSeq Size:	3045 bp
RefSeq ORF:	2211 bp
Locus ID:	362317
Cytogenetics:	4q13