

Product datasheet for **SC329070**

NKRF (NM_001173488) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKRF (NM_001173488) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKRF
Synonyms:	ITBA4; NRF
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	>NCBI ORF sequence for NM_001173488, the custom clone sequence may differ by one or more nucleotides <pre> ATGGAATAATCTCAAATGGCTGAAGGTATTGATATTGGGAGATGCCTTCATATGAT CTGGTGTGTCCAAACCTTCAAAGGTCAAAACGCCACCTCTCAACATGTGATGGTCAA AATCCTCTAAAGCAAGCCGGTTCAAATCCATGCGAGACCTCGTTTGGCCTGTGA CATTTTGTAGCTAGTAGTTCAAAAGATGAAAGACAGGAAGATCCTTATGGCCCTCAAACA AAAGAGGTAAATGAACAAACACATTTTGGCAGCATGCCAAGAGACATCTACCAAGATTAT ACTCAAGACTCTTTCAGTATACAAGATGGGAATTCTCAGTATTGTGATTATCAGGATTTC ATTCTCAAAAAGACCAGCCTGTAAACAGCAACATGTATTTTGACAGTGGGAACCTGCC CCAAGCACCATCACAGCAGGCAAACTCTCAGTCAACTCCTGAGCCTTACCATCACAG ACATTTCCCGAGTCTGTGGTAGCCGAGAAGCAGTATTTTATTGAAAAATTAACGGCGACA ATCTGGAAGAACCTTTCTAATCCAGAAATGACTTCTGGATCTGATAAAATTAATTATACA TATATGTTAACTCGTTGTATTAGGCGGTGAAGACAAATCCTGAGTATATATATGCTCCT TTAAAGGAAATTCCTCTGCCGACATCCCAAAAATAAAAACTTCTAACTGATGGCTAT GCTTGTGAAGTTAGATGCCAAATATCTACTTAACTACAGTTATGCTGGCAGCAAGAAT GGGTCCAGGGATCGAGCTACAGAGCTAGCTGTAAACTCTTGCAAAACGTATTGAAGTT AGAGTTGTCCGGCGAAATTAAGCATACATTTGGAGAGGACCTCGTGGTGTGTGAGATT GGCATGTCTCTATGAATTTCTCCAGCTCTGAAGCCACCAGAAGACCTGGTGGTGTG GGTAAAGATGCTCCGGGAGCAATTTTAAATGCTTCTGCCAAACACTGGACCAATTTT GTCATTACAGAAAATGCAAAATGATGCAATTGGTATCCTTAACAATTCTGCCTCATTCAAC AAGATGTCAATTGAATACAAATATGAGATGATGCCAAATCGCACATGGCGTTGTGCGAGTG TTTTTACAAGATCACTGCTTAGCTGAAGTTATGGAACCAAGAAAACAAGTAAACATGCA GCTGCCGACGAGCTTTGAAAATCTTCAAAAAACACAGCCCACTTATCCATCTGTCAAA AGTTCACAAATGCCATACAGGCTCTTACCCAGAGGATCTGGAAAGAAAGATATAAAG GATCTTGTAGTTTATGAGAATTCTTCAAATCCCGTGTGCACGCTGAACGACACAGCTCAG TTTAACCGAATGACAGTTGAGTATGTCTATGAAAGGATGACAGGCCTCCGCTGGAATGC AAAGTGATTCTAGAGAGTGAAGTAATTGCAGAAGCAGTTGGGGTGAAGAAAATGTCAAA TATGAAGCTGCTGGGAAGCTGTGAAAACCTCAAAAAGACCCAGCCAACTGTCATTAAC AACTTGAAGAAAGGAGCTGTTGAAGATGTGATTTCAAGAAATGAAATTCAGGGCCGCTCA GCAGAGGAGGCTTACAAACAGCAAATCAAAGAAGATAATATTGGAATCAGCTGTGAGA AAGATGGGTTGGACTGGTGGTGGTTAGGTAAATCTGGTGAAGGCATACGGGAGCCTATC TCAGTGAAAGAGCAGCATAAGCGGGAAGGCTTGGTCTGGATGTAGAGAGGGTGAATAAA ATTGCCAAGAGAGATATTGAACAGATCATCAGAACTACGCCCGCTCCGAGAGCCACACA GATTTGACTTTCTCTAGAGAGCTGACTAATGATGAACGGAAGCAAATACATCAGATTGCC CAGAAGTATGGTCTTAAGAGTAAGTCTCATGGGTGGGCCATGATAGGTACCTAGTGGTA GGTAGAAAAAGACGGAAGGAAGACCTACTAGATCAGCTCAACAGGAAGGCCAAGTGGGC CATTACGAGCTTGTATGCCTCAAGCAAATTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001173488
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	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_001173488.1, NP_001166959.1</u>
RefSeq Size:	3747 bp
RefSeq ORF:	2073 bp
Locus ID:	55922
UniProt ID:	<u>O15226</u>
Cytogenetics:	Xq24
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a transcriptional repressor that interacts with specific negative regulatory elements to mediate transcriptional repression of certain nuclear factor kappa B responsive genes. The protein localizes predominantly to the nucleolus with a small fraction found in the nucleoplasm and cytoplasm. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010] Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1. Variants 2 and 3 encode the same isoform (2).