

Product datasheet for **SC216278**

NKIRAS2 (NM_001001349) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NKIRAS2 (NM_001001349) Human 3' UTR Clone
Symbol:	NKIRAS2
Synonyms:	kappaB-Ras2; KBRAS2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001001349
Insert Size:	1778 bp



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Insert Sequence:	>SC216278 3'UTR clone of NM_001001349 The sequence shown below is from the reference sequence of NM_001001349. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AACAAAGGCGAGCGCTCCTTGGATGGCTGAAGAGCTGCCGTTCTCTTTACGATCCAGCCCCATTTC AGTGTCTGGGGCTCTGGTAGATGTGTTGAGGGCAAAGTAGAGGACAAGCTGTCTTTCCAGTCAGCCAG GGAGCTCCCCGCCAGGCCAGCCCCAGCCACTTTGCTCCCTCTCACCTCTGGGAAGTGCAAATACTCTT GGTTGACATCCCCTTCTCAGCCCTCCAGCCTACTCCCCATCCAGCTTTTAGAGGATCTGCTCCACT GTCTCTGGGGCAGTTGTGGTCACTGTCCCTCCAGCTGCCCGAGACAGGAAGCAGAGTCACCACGCA GCAGTGTCCCTTCTTGGTCTGAGTTCCTATTATAGGTAGGGGCCCCACCCTCTGGGCTTCCCATCAGC GACACACACACTTATGGCACCAGCCTGGACTCCAGAAAAAGGGTGCCAGGTATTGTGTGTATGCAT TTAGTTGTGCACACAAATATGCTCCTATACTGGCATTAGGCGTCTCCTCATCCCTCACCTGACCTT TCTCTGTCTTTTCTTGGCTGGAAGAAGTTGGCTCCTGGGAGTGATGTTTTCTGTTTTAAATCCCCC ACCCCTGGCTGGGCTCAGTGGCTCACCCCTGTAATCCCAGCACTTTGGGAGGCCAAGGCGGGTCGATTA CTTGAGGTGAGGAGTTCACGACCAGCCTGGCCAAACATTGTGAAACCCCATCTCTGCCAAAAATACAAA GTTAGCCGGGCGTAGTGGCAGATGCCTGTAATCCCAGCTACCCGGGGAGGCTGAGGCAGGAGAATTGCT TGAAGTCTCAGAAGGCGGAGGCTGCAGTGAGCCGAGATCGTGCCACTGCACTCCAGCCTGGTCAACAGAGC AAGACTCCATCTCGAAGAAAAAATTTCCCAACCCCTACCAATTGTTTTACTTCTCTTCTCTG CTCAGGGAGCAGATGGGCTCACTGGTTGAGATGGAATAGAATAACTGGGCTATGAGTCACCAGCCAC TTTGTGACCCAGCAAGACCTTTCCCTCTCTGGGCATCAGTTTCTCATCTGTAAGATGACCAGAGTTGC TTAGATGATCTCCTAGATCCTTTCCAGTTCTCTTGATTTCGTAAGCCAATGGCTTCTCCCTCTTTAAG GTGCTATGCCAACCCAGCCTGGAGGCTGGGATCTGCCGCTCCCTCCAGCCACCAGGGGCGAGAGTGCA CTACCTGCTGTCAGTACCAGAGTGGCCGCTCAGTGCCAGCCCGCCAGCCTCGCTCTTGAGGCTGCT CTTTATCTGCTGTGGTTTTTCAGCTCAGAGCTGGACTTCTATTATAAGTTACCTGTATTTATATTTA TATGCCGCTCTCATGGTGAAGGCTGGACAAGGTGCTCCTCTGGCCCTCCTTCTACCTCAGATGCCT GAACAGAAACAGGCAACCCGTAGCAGCCTCTCAGGAGCTGACAGGTCTCTTTGGGGCTCAGGAGGG TGGGCACACACCCAGCGCCTGCAGAGTAAGCTTATTACCCACAAGTGTGCCGCTTTGTGCTTCTAAG GTGCACACCTAGCCTAGGTGAGACACTGCAGCCAGGCAACCCAGACACAGCCCTTCTCAAAGCCAG AGGTGAGTGGGGCAGGTGCCCGGGCTGGGTGAGTGGAATTAGGACACACAGGCTTGGGCTTCAAGT TCATTTATTGATGCATTGGTTGGACACAATAAAACCACAATTGTTATCAAAA ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG </pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001001349.2</u>

Summary:	Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and nuclear localization of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB (By similarity). [UniProtKB/Swiss-Prot Function]
Locus ID:	28511
MW:	64.1