

Product datasheet for **SC103737**

NKAIN2 (AB070452) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKAIN2 (AB070452) Human Untagged Clone
Tag:	Tag Free
Symbol:	NKAIN2
Synonyms:	FAM77B; NKAIP2; TCBA; TCBA1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AB070452, the custom clone sequence may differ by one or more nucleotides

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ATGGGTTATTGCAGTGGCAGGTGCACGCTTATCTTTATCTGTGGCATGCAACTGGTTTGTGTGCTGGAGA  
GGCAAATATTTGACTTCCTTGGATATCAGTGGGCACCTATCCTGGCAAATTTTGTACATATTATTATCGT  
CATTCTTGGTTTGTGGAACTATTCAATATAGACCTCGTTACATAACAGGATATGCTGTCTGGCTAGTC  
CTCTGGGTTACGTGGAATGTGTTTGTATCTGCTTCTATTTGGAGGCTGGGGACCTCTCAAAGGAAACAG  
ACCTTATCCTGACTTTTAAATATCAATGCACCGATCTTGGTGGATGGAGAATGGACCAGGATGTACGGT  
GACGTGAGTACACCTGCCCCAGACTGGGCCCCAGAAGACCATCGCTACATCACGGTCTCAGGGTGTGTTG  
CTGGAGTACCAGTACATAGAAGTGGCTCATAGTCCCTCCAGATTGTCTCGCAGTAAGTGTGGCAGCC  
AACCGCTCCTTCTAGTGCCTCTGGGTTGTTTTATTTCTGTGCGAACTCAGTGCACACAAATGGAATCTG  
TGGGTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AB070452 unedited GGGTGCACATTTTGTATACGACTCACTATAGGCGGCCGGAATTCGGCAGGAGGTCTAA TGCTGTCACTTCCCAGAACGCTGGCAGCAGCAGCAGCCCGAGCCCCGAGCCCTCGGC AGGTTTGGCGTGTCTTCCCCGCGATCTGATTGGATAAAGTGGGGGCTCGACGGTGGCCGA CGTGGGACAGTCTGGCTGTGGCAGGGTCTCGGAAACCATGGGTATTGCAGTGGCAGGT GCACGCTTATCTTTATCTGTGGCATGCAACTGGTTTGTGTGCTGGAGAGGCAAATATTTG ACTTCCTTGGATATCAGTGGGCACCTATCCTGGCAAATTTGTACATATTATTATCGTCA TTCTTGGTTTGGTGGAACTATTCAATATAGACCTCGTTACATAACAGGATATGCTGTCT GGTAGTCTCTGGGTTACGTGGAATGTGTTTGTATCTGCTTCTATTTGGAGGCTGGGG ACCTCTCAAAGGAAACAGACCTTATCCTGACTTTAATATATCAATGCACCGATCTTGGT GGATGGAGAATGGACCAGGATGTACGGTACGTGACGTCAGTACACCTGCCCCAGACTGGGCC CAGAAGACCATCGCTACATCACGGTCTCAGGGTGTGCTGGAGTACCAGTACATAGAAG TGGCTCATAGTCCCTCCAGATTGCTCCTCGCACTGGCAGGTTTCATCTACGCCTGTTATG TTGTGAAATGTAACTGAAGAAGAAGACAGCTTTGATTTATAGGTGGCTTTGACTCTT ATGGCTATCAAGNCCTCAGAAGATCTATTTACAACACTACAGNCTATGTACATGTAAGT ATTTTACTTGGAAANGTACTCTTCTGGGGTACTAAGANATTCAGTAACTGTATCACGATA CAAATTTGATGGNCATGCAGCTTTTGTTCAC
Restriction Sites:	NotI-NotI
ACCN:	AB070452
Insert Size:	4200 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:	AB070452.1 , BAB85477.1
RefSeq Size:	1210 bp
RefSeq ORF:	567 bp
Locus ID:	154215
Cytogenetics:	6q22.31
Protein Families:	Transmembrane

Gene Summary:

This gene encodes a transmembrane protein that interacts with the beta subunit of a sodium/potassium-transporting ATPase. A chromosomal translocation involving this gene is a cause of lymphoma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2014]