

Product datasheet for **RC229577**

NKAIN2 (NM_153355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NKAIN2 (NM_153355) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NKAIN2
Synonyms:	FAM77B; NKAIP2; TCBA; TCBA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229577 representing NM_153355 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGTTATTGCAGTGGCAGGTGCACGCTTATCTTTATCTGTGGCATGCAACTGGTTTGTGTGCTGGAGA
GGCAAATATTTGACTTCCTTGGATATCAGTGGCACCTATCCTGGCAAATTTGTACATATTATTATCGT
CATTCTGGTTTGTGGAACTATTCAATATAGACCTCGTTACATAACAGGATATGCTGTCTGGCTAGTC
CTCTGGGTTACGTGGAATGTGTTTGTATCTGCTTCTATTTGGAGGCTGGGACCTCTCAAAGCTGGCAG
GTTTCATCTACGCTGTTATGTTGTGAAATGTATAACTGAAGAAGAGGACAGCTTTGATTCATAGGTGG
CTTTGACTCTTATGGCTATCAAGGCCTCAGAAGACATCTCATTTACAACACTACAGCCTATGTACATGTCA
AAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC229577 representing NM_153355 Red=Cloning site Green=Tags(s)
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MGYCGRCTLIFICGMQLVCVLERQIFDFLGYQWAPILANFVHIIIVILGLFGTIQYRPRYITGYAVWL
LWVTWNVFVICFYLEAGDLSKLAGFIYACYVVKCITEEEDSDFDIGGFDSYGYQGPKTSHLQLQPMYMS
K

TRTRPLEQK**L**ISEEDLAANDILDYKDDDDK**V**

Chromatograms:	https://cdn.origene.com/chromatograms/ja1431_d03.zip
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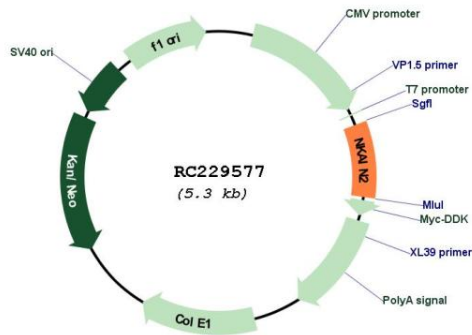
Cytogenetics: 6q22.31

Protein Families: Transmembrane

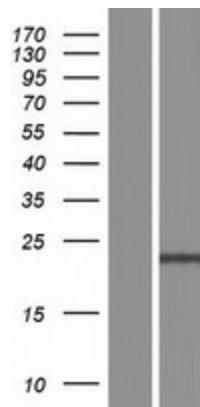
MW: 16.7 kDa

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]

Product images:



Circular map for RC229577



Western blot validation of overexpression lysate (Cat# [LY432577]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC229577 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).