

Product datasheet for **RG235759**

NKAIN2 (NM_001300738) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: NKAIN2 (NM_001300738) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: NKAIN2
Synonyms: FAM77B; NKAIP2; TCBA; TCBA1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235759 representing NM_001300738.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAACAGACCTTATCCTGACTTTTAAATATATCAATGCACCGATCTTGGTGGATGGAGAATGGACCA
GGATGTACGGTGACGTACGTGACACCTGCCCCAGACTGGGCCCCAGAAGACCATCGCTACATCACGGTC
TCAGGGTGTGGTGGAGTACCAGTACATAGAAGTGGCTCATAGTTCCCTCCAGATTGCTCTCGCACTG
GCAGGTTTCATCTACGCCTGTTATGTTGTGAAATGTAACTGAAGAAGAGGACAGCTTTGATTTTCATA
GGTGGCTTTGACTCTTATGGCTATCAAGGCCTCAGAAGACATCTCATTTACAACACAGCCTATGTAC
ATGTCAAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235759
Blue=ORF Red=Cloning site Green=Tag(s)

```
METDLILTFNISMHRSWMENGPGCTVTSVTPAPDWAPEDHRYITVSGCLLEYQYIEVAHSSLQIVLAL
AGFIYACYVVKCITEEEDSFDFIGGFDSYGYQGPQKTSHLQLQPMYMSK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMKSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: Sgfl-MluI

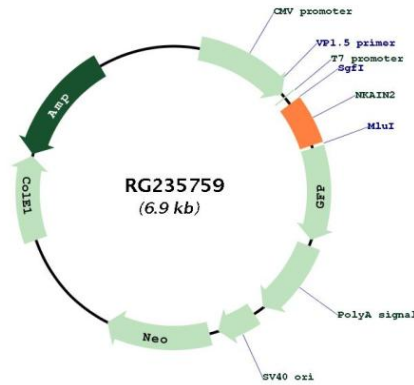


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Gene Summary:

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 RG235759