

Product datasheet for **SC125746**

NKAIN4 (NM_152864) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NKAIN4 (NM_152864) Human Untagged Clone
Tag: Tag Free
Symbol: NKAIN4
Synonyms: bA261N11.2; C20orf58; FAM77A
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152864 edited
 GTCGAGGCTGCGGCGGTGGGGAGCGGGCGGAGCGGGGGCCGAGCGGGGGCAC
 CCGGGGGCCTCCTGTATAGGCGGGCACCATGGGCTCCTGCTCCGGCCGCTGCGCGCTCGT
 CGTCCTCTGCGCTTTTCAGCTGGTCGCGCCCTGGAGAGGCAGGTGTTTGACTTCCTGGG
 CTACCACTGGGCGCCATCCTGGCCAACCTTGTCCACATCATCATCGTCATCCTGGGACT
 CTTGCGCACCATCCAGTACCGGCTGCGCTATGTCATGGTGTACACGCTGTGGCAGCCGT
 CTGGGTCACTGGAACGTCTTCATCATCTGCTTCTACCTGGAAGTCGGTGGCCTCTTAA
 GGACAGCGAGCTACTGACCTTCAGCCTCTCCCGCATCGCTCCTGGTGGCGTGAGCGCTG
 GCCAGGCTGTCTGCATGAGGAGGTGCCAGCAGTGGCCTCGGGGCCCCCATGGCCAGGC
 CCTGGTGTGAGGTGCTGGCTGTGCCCTGGAGCCAGCTATGTGGAGGCCCTACACAGTTG
 CCTGCAGATCCTGATCGCGCTTCTGGGCTTTGTCTGTGGCTGCCAGGTGGTCAGCGTGT
 TACGGATGAAGAGGACAGCTTTGATTTTCATTGGTGGATTTGATCCATTTCTCTCTACCA
 TGTCATGAAAAGCCATCCAGTCTTTGTCCAAGCAGGTGACTTGCCTGCGTAAGTGAG
 GAAACAGCTGACCCTGCTCCTGTGGCCTCCAGCCTCAGCGACCGACCAGTGACAATGACA
 GGAGCTCCCAGGCCTTGGGACGCGCCCCACCCAGCAGCCCCAGGCGGCCGCGCAGCACC
 TGCCCTGGGTTCTAAGTACTGGACACCAGCCAGGGCGGCAGGGCAGTGCCACGGCTGGCT
 GCAGCGTCAAGAGAGTTTGAATTTCTTTCTTAAAAAAAAAAAAAAAAAGAAAAGAAAACAT
 AAAAAAGAAAAGGCAAAACCCACATGCCACCTCCTCTGGCAACATGGGGGTACAGCT
 CTGCCCCCAGGCTGTCGTCTCGTCGAGGAGCCCCCTCCCTCAGGTGCCAACCTGGGGCTGC
 TGGACCTCGGGCTGCAAGCACTGCTGCTGGGATGCAGCCTCCCCAGGAAGTCAATGTGA
 GGCCCCGAGACCCCTCAAGCGGTGAGGGCCCTGTTGAACATGGAGGGTTCCTAACCCAA
 ACTCGTGCCAGAAGAACCCACCCACCCAGGAGCTGAGGCTGATGGAGCCCTAGGGTG
 GGGGCTGGGCTTGACCAGGAACAGCAGAGCCAGGCCCAAGGCATAGGGCAGGGCACATG
 GTGGTGACGAGCAGGCAGTACTCTTGTAAAGGGGGCTCTTGGGCAACAGTCCCAAAGGC
 TCCCCAGGTATCATCAAGTTGGTAAATAAACAGGAACATGGCCCCAAAAAAAAAAAAAAAA
 A



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152864 unedited CAGGATTTTGTAAACGACTTACTATAGGCGGCCGATAACTTCGTATAGCATACATTAT ACGAAGTTATGGATCAGGCCAAATCGGGCGAGCTCGAATTCGTGAGAGCGGGTCGAGGC TGCGGCGCGTGGGGAGCGGGCGGAGCGGGGGCGGGGGCCGAGCGCGGGGCACCCGGGGC CTCCTGTATAGGCGGGCACCATGGGCTCCTGCTCCGGCCGCTGCGCGCTCGTCGTCTGT GGGCTTTTCAGCTGGTCGCCGCCCTGGAGAGGCAGGTGTTTGACTTCTGGGCTACCACT GGGCGCCCATCCTGGCCAACCTTTGTCCACATCATCATCGTCATCCTGGGACTCTTCGGCA CCATCCAGTACCGGCTGCGCTATGTCATGGTGTACACGCTGTGGGCAGCGTCTGGGTCA CCTGGAACGTCTTCATCATCTGCTTCTACCTGGAAGTCGGTGGCCTCTTAAGGACAGCG AGCTACTGACCTTCAGCCTCTCCCGGCATCGCTCCTGGTGGCGTGAGCGCTGGCCAGGCT GTCTGCATGAGGAGGTGCCAGCAGTGGGCCTCGGGGCCCCCATGGCCAGGCCCTGGTGT CAGGTGCTGGCTGTGCCCTGGAGCCAGCTATGTGAAGCCCTACACAGTTGCCTGCAGAT CCTGATCGCGCTTCTGGGCTTTGTCTGTGGCTGCCAGGTGGGTGACGCGTGTACGGATG AAGAGGACAGCTTTGATTTTCATGGGGGATTTGAACCATTTTCTTTACCAGGTGAATG AAAACCTTCCCCTTTTTGGCCAACCAGGGGACTTGCCTGGCAAAGGGGGGAAACACT GGACCCTGGTTCTGGGGCTCCACCTCTATGTCCGACCAAGGAAATGAAGGGGCTCCAAG CCTGGGGACGGCCCAACCCATAACCCTCAAGGGGGCGGAAGACTGGC
Restriction Sites:	NotI-NotI
ACCN:	NM_152864
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:	NM_152864.2 , NP_690603.2
RefSeq Size:	1441 bp
RefSeq ORF:	627 bp
Locus ID:	128414
UniProt ID:	Q8IVV8
Cytogenetics:	20q13.33
Protein Families:	Transmembrane
Gene Summary:	NKAIN4 is a member of a family of mammalian proteins (see NKAIN1; MIM 612871) with similarity to Drosophila Nkain and interacts with the beta subunit of Na,K-ATPase (ATP1B1; MIM 182330) (Gorokhova et al., 2007 [PubMed 17606467]).[supplied by OMIM, Jun 2009]