

# Recombinant Full Length Human NKAIN1 Protein, GST-tagged

**Cat. No.** NKAIN1-6646HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human NKAIN1 full-length ORF (BAB14196.1, 1 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                          |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 163 amino acids                                                                                                                                                                                                                |
| <b>Description</b>      | NKAIN1 is a member of a family of mammalian proteins 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] |
| <b>Molecular Mass</b>   | 45 kDa                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MAVILGIFGTVQYRSRYLILYAAWLVLWVGWNAFIICFYLEVQQLSQDRDFIMTFNTS<br>LHRSSWWMENGPGCLVTPVLNSRLALEDHHVISVTGCLLDYPYIEALSSALQIFLALFG<br>FVFACYVSKVFLEEEDSFDFIGGFDSYGYQAPQKTSHLQLQPLYTSG                                                   |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                              |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [NKAIN1 Na+/K+ transporting ATPase interacting 1 \[ Homo sapiens \]](#)

**Official Symbol** [NKAIN1](#)

**Synonyms** NKAIN1; Na+/K+ transporting ATPase interacting 1; FAM77C, family with sequence similarity 77, member C; sodium/potassium-transporting ATPase subunit beta-1-interacting protein 1; FLJ12650; family with sequence similarity 77, member C; Na(+)/K(+)-transporting ATPase subunit beta-1-interacting protein 1; FAM77C;

**Gene ID** [79570](#)

**mRNA Refseq** [NM\\_024522](#)

**Protein Refseq** [NP\\_078798](#)

**MIM** [612871](#)

**UniProt ID** [Q4KMZ8](#)

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