

Full-Length

NKAIN1 (Human) Recombinant Protein (P01)

Catalog # H00079570-P01

Size 50 ug

Specification

Product Description	Human NKAIN1 full-length ORF (BAB14196.1, 1 a.a. - 163 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAVILGIFGTVQYRSRYLILYAAWLVLWVGWNAFICFYLEVQQLSQDRDFIMTFNTSLHRSWWMEN GPGCLVTPVLNSRLALEDHHVISVTGCLLDYPYIEALSSALQIFLALFGFVFACYVSKVFLEEEDSF DFIGGFDSYGYQAPQKTSHLQLQLPLYTSG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45
Interspecies Antigen Sequence	Mouse (100)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NKAIN1

Entrez GeneID [79570](#)**GeneBank Accession#** [AK022712.1](#)**Protein Accession#** [BAB14196.1](#)**Gene Name** NKAIN1**Gene Alias** FAM77C, FLJ12650**Gene Description** Na⁺/K⁺ transporting ATPase interacting 1**Gene Ontology** [Hyperlink](#)**Gene Summary** 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]**Other Designations** family with sequence similarity 77, member C