Recombinant Human NKAIN1 protein, His-tagged

Cat. No. NKAIN1-8896H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NKAIN1 protein(72-128 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	72-128 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	LVTPVLNSRLALEDHHVISVTGCLLDYPYIEALSSALQIFLALFGFVFACYVSKVFL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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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SDS-PAGE	

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