

Recombinant Human NUAK2 protein, His-tagged

Cat. No. NUAK2-1390H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NUAK2 protein(1-303 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-303 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	MESLVFARRSGPTPSAAELARPLAEGLIKSPKPLMKKQAVKRHHHKHNLRHRYEFLE TLGKGTYGKVKKARESSGRLVAIKSIRKDKIKDEQDLMHIRREIEIMSSLNHPHIIAHE VFENSSKIVIVMEYASRGDLYDYISERQQLSEREARHFFRQIVSAVHYCHQNRVVHR DLKLENILLDANGNIKIADFGLSNLYHQGKFLQTFCGSPLYASPEIVNGKPYTGPEVD SWSLGVLLYILVHGTMPFDGHDHKILVKQISNGAYREPPKPSDACGLIRWLLMVNPT RRATLEDVASHWWW
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.

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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.

GENE INFORMATION**Gene Name**

NUAK2 NUAKE family, SNF1-like kinase, 2 [Homo sapiens]

Official Symbol

NUAK2

Synonyms

NUAK2; NUAKE family, SNF1-like kinase, 2; NUAKE family SNF1-like kinase 2; FLJ90349; SNARK; SNF1/AMP activated protein kinase; omphalocele kinase 2; SNF1/AMP kinase-related kinase; DKFZp434J037; DKFZp686F01113;

Gene ID

81788

mRNA Refseq

NM_030952

Protein Refseq

NP_112214

MIM

608131

UniProt ID

Q9H093

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