

Recombinant Human NAMPT protein, His-tagged

Cat. No. NAMPT-2414H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAMPT protein(163-360 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	163-360 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO 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	TNSREQKKILAKYLLETSGNLDGLEYKLHDFGYRGVSSQETAGIGASAHLVNFKGTD TVAGLALIKKYYGKDPVPGYSVPAAEHSTITAWGKDHEKDAFEHIVTQFSSVPVSV VSDSYDIYNACEKIWGEDLRHLIVSRSTQAPLIIRPDSGNPLDVLKVLLEILGKKFPVT ENSKGYKLLPPYLRVIQGDGVDINT
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**

NAMPT nicotinamide phosphoribosyltransferase [Homo sapiens]

Official Symbol

NAMPT

Synonyms

NAMPT; nicotinamide phosphoribosyltransferase; PBEF1, pre B cell colony enhancing factor 1; PBEF; visfatin; NAMPRTase; pre-B cell-enhancing factor; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1; VF; PBEF1; VISFATIN; 1110035O14Rik; MGC117256; DKFZp666B131;

Gene ID

10135

mRNA Refseq

NM_005746

Protein Refseq

NP_005737

MIM

608764

UniProt ID

P43490

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