

Recombinant Human NAMPT, FLAG-tagged

Cat. No. NAMPT-2168H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Nicotinamide Nhosphoribosyltransferase is produced in <i>HEK 293 cells</i> . Full length Human Nampt (Visfatin/PBEF) (aa 1-491) is fused at the N-terminus to a FLAG-tag.
Species	Human
Source	HEK293
ProteinLength	1-491 a.a.
Description	Phosphoribosyltransferase (NAMPRTase or Nampt) also known as pre-B-cell colony-enhancing factor 1 (PBEF1) or visfatin is an enzyme that in humans is encoded by the PBEF1 gene. This protein has also been reported to be a cytokine (PBEF) that promotes B cell maturation and inhibits neutrophil apoptosis.
Concentration	0.5mg/ml.
Purity	≥95% (SDS-PAGE).
Formulation	Liquid. 0.2µm-filtered solution in PBS.
Endotoxin Content	<0.1EU/g protein (LAL test).
Storage And Stability	-20°C. For maximum product recovery after thawing, centrifuge the vial before opening the cap. Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and

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store at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

Full Length Full L.

GENE INFORMATION

Gene Name [NAMPT nicotinamide phosphoribosyltransferase \[Homo sapiens \]](#)

Synonyms

NAMPT; nicotinamide phosphoribosyltransferase; NAMPRTase; pre-B cell-enhancing factor; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1; EC 2.4.2.12; VF; PBEF; PBEF1; VISFATIN; MGC117256; DKFZp666B131; 1110035O14Rik

Gene ID [10135](#)

mRNA Refseq [NM_005746](#)

Protein Refseq [NP_005737](#)

UniProt ID [Q80Z29](#)

Chromosome Location 7q22.3

Pathway Nicotinate and nicotinamide metabolism; Metabolism of vitamins and cofactors

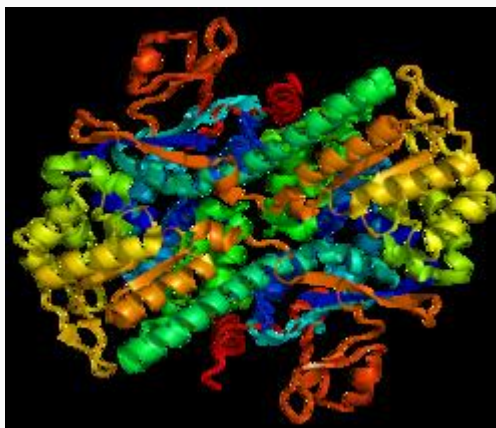
Function cytokine activity; drug binding; nicotinamide phosphoribosyltransferase activity; protein homodimerization activity; transferase activity, transferring glycosyl groups

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PDB rendering based
on 2g95.



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