

Recombinant Rat Nampt protein, His-tagged

Cat. No. Nampt-649R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nampt aa. (Met1~His491 (Accession # Q80Z29)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~His491
Description	Has similarity to cytokines but is not secreted; localized to the nucleus and cytoplasm, changes in subcellular localization may be associated with the cell cycle.
Form	Freeze-dried powder
Molecular Mass	57 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Nampt nicotinamide phosphoribosyltransferase [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nampt

Synonyms

Nampt; nicotinamide phosphoribosyltransferase; Pbef; Pbef1; nicotinamide phosphoribosyltransferase; NAmPRTase; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1 homolog; visfatin

Gene ID

297508

mRNA Refseq

NM_177928.3

Protein Refseq

NP_808789.1

UniProt ID

Q80Z29

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