

## Recombinant Mouse Nampt, FLAG-tagged

**Cat. No.** Nampt-422M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Mouse Nampt (visfatin/PBEF) (aa 1-491) is fused at the N-terminus to a FLAG-tag.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-491 a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | Nicotinamide phosphoribosyltransferase (Nampt; pre-B cell colony-enhancing factor; PBEF; Visfatin) is an adipokine that is localized to the bloodstream and has various functions, including the promotion of vascular smooth muscle cell maturation and inhibition of neutrophil apoptosis. It activates insulin receptor and has insulin-mimetic effects, lowering blood glucose and improving insulin sensitivity. The protein is highly expressed in visceral fat and serum levels of the protein correlate with obesity. |
| <b>Form</b>             | Liquid. 0.2µm-filtered solution in PBS, pH 7.2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | ~50kDa (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | ≥90% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Stability</b>        | Working aliquots are stable for up to 3 months when stored at -20°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>          | Short Term Storage: +4°C; Long Term Storage: -20°C. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles. For maximum product recovery                                                                                                                                                                                                                                                                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

after thawing, centrifuge the vial before opening the cap.

**Concentration** 0.5mg/ml

## GENE INFORMATION

**Gene Name** [Nampt nicotinamide phosphoribosyltransferase \[ Mus musculus \]](#)

**Official Symbol** Nampt

**Synonyms** NAMPT; nicotinamide phosphoribosyltransferase; pre-B-cell colony-enhancing factor 1 homolog; Pbef; Pbef1; AI314458; AI480535; Visfatin; NAmPRTase; 1110035O14Rik;

**Gene ID** [59027](#)

**mRNA Refseq** [NM\\_021524](#)

**Protein Refseq** [NP\\_067499](#)

**Pathway** Adipogenesis, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem; NAD biosynthesis III, organism-specific biosystem; Nicotinamide salvaging, organism-specific biosystem; Nicotinate and nicotinamide metabolism, organism-specific biosystem;

**Function** cytokine activity; drug binding; nicotinamide phosphoribosyltransferase activity; nicotinamide phosphoribosyltransferase activity; nicotinate phosphoribosyltransferase activity; nicotinate-nucleotide diphosphorylase (carboxylating) activity; protein homodimerization activity; transferase activity; transferase activity, transferring

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

glycosyl groups;

☎ Tel: 1-631-559-9269 1-516-512-3133

☎ Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) ☎ Fax: 1-631-938-8127

☎ 45-1 Ramsey Road, Shirley, NY 11967, USA