



Nampt Recombinant Protein

CATALOG NUMBER: 90-014

Specifications

SPECIES:	Rat
SOURCE SPECIES:	E. coli
SEQUENCE:	Rat Nampt (visfatin/PBEF) (aa 1-491) is fused at the C-terminus to a His-tag.
FUSION TAG:	His Tag
APPLICATIONS:	This recombinant proteins is for research use only.
BIOLOGICAL ACTIVITY:	Shows adipogenic effect in stimulated differentiating 3T3-L1 cells.

Properties

PURITY:	>90% (SDS-PAGE)
PHYSICAL STATE:	Lyophilized
BUFFER:	Lyophilized from 0.2um-filtered solution in 0.1M ammonium bicarbonate, pH 7.2.
STORAGE CONDITIONS:	Working aliquots are stable for up to 3 months when stored at -20°C.

Additional Info

ALTERNATE NAMES:	Pre-B Cell Colony Enhancing Factor 1, PBEF1, Nicotinamide Phosphoribosyltransferase
ACCESSION NO.:	Q80Z29
PROTEIN GI NO.:	68565643

Background

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.

FOR RESEARCH USE ONLY

December 14, 2016