

Recombinant Human NAMPT Protein

Cat. No. NAMPT-212H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NAMPT Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Visfatin is an adipokine produced by visceral adipose tissue. Visfatin acts as a pro-inflammatory factor for peripheral blood mononuclear cells (PBMCs) and mimics the effects of insulin on adipocytes, monocytes and hepatocytes.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Monomer, 52.7 kDa (466 aa)
AA Sequence	MPPNTSKVYSYFECREKKTENSKLRKVKYEETVFYGLQYILNKYLK GKVVTKKEIQE AKDVYKEHFQDDVFNEKGWNYILEKYDGHLPKAVPEGFVIPRGNVLFVTDPE CYWLTNWIETILVQSWYPITVATNSREQKILAKYLLETSGNLDGLEYKLHDFGYRGV SSQETAGIGASAHLVNFKGTDVAGLALIKKYYGKDPVPGYSVPAAEHSTITAWGK DHEKDAFEHIVTQFSSVPVSVSDSYDIYNACEKIWGEDLRHLIVSRSTQAPLIIRPDS GNPLDVLKVLKLEILGKKFPVTENSKGYKLLPPYLRVIQGDGVDINTLQEIVEGMKQKM WSIENIAFGSGGGLLQKLTRDLLNCSFKCSYVVTNGLGINVFKDPVADPNKRSKKGR LSLHRTPAGNFVTLEEGKGDLEEYQDLLHTVFKNGKVTKSYSFDEIRKNAQLNIELE AAHH
Endotoxin	≤1 EUs/μg, Kinetic LAL

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Purity	≥90%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.
Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile 20 mM HCl at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	NAMPT nicotinamide phosphoribosyltransferase [Homo sapiens (human)]
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;

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Gene ID	10135
mRNA Refseq	NM_005746
Protein Refseq	NP_005737
MIM	608764
UniProt ID	P43490

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