32-12339: Human Visfatin

Gene :	NAMPT
Gene ID :	10135
Uniprot ID :	P43490
Alternative Name :	Nicotinamide phosphoribosyltransferase, NAmPRTase, Pre-B-cell colony-enhancing factor 1, Pre-B cell-enhancing factor

Description

Source: Genetically modified E.coli.
Predicted MW: Monomer, 52.7 kDa (466 aa)
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.

Product Info

Amount :	25 µg / 100 µg
Purification :	Reducing and Non-Reducing SDS PAGE at >= 95%
Content :	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA) Sterile 20 mM HCl at 0.1 mg/mL
Storage condition :	Store at -20°C
Amino Acid :	MPPNTSKVYS YFECREKKTE NSKLRKVKYE ETVFYGLQYI LNKYLKGKVV TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLPIE IKAVPEGFVI PRGNVLFTVE NTDPECYWLT NWIETILVQS WYPITVATNS REQKKILAKY LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKKYYGTKD PVPGYSVPAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPDSG NPLDTVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG VDINTLQEIV EGMKQKMWSI ENIAFGSGGG LLQKLTRDLL NCSFKCSYVV

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
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°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vialed to compensate for this loss.

Human Visfatin
Figure: 1 ug protein under (+) reducing and (-) non-reducing conditions in a 4-20% Tris-Glycine gel, stained with Coomassie Blue. Human Visfatin has a predicted MW of 52.7 kDa.