

NAMPT

Recombinant Human Visfatin

Catalog No.	CRH331A	Quantity:	5 µg
	CRH331B		100 µg
	CRH331C		1 mg

Alternate Names: Nicotinamide phosphoribosyltransferase, NAMpt, PBEF

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.

Gene ID: 10135

Uniprot ID: P43490

Source: *E. coli*

Molecular Weight: Monomer, 52.7 kDa (466 aa)

Formulation: Lyophilized from a sterile-filtered solution containing 0.1% Trifluoroacetic Acid (TFA)

Purity: ≥90% by reducing and non-reducing SDS-PAGE

Endotoxin Level: ≤ 0.1 EU/µg by kinetic LAL analysis

Biological Activity: Activity is determined by ability to induce IL-6, IL-1 beta and TNF alpha production from human PBMCs, however; acceptance criteria not established

Amino Acid Sequence: MPPNTSKVYS YFECREKKTE NSKLRKVKEY ETVFYGLQYI LNKYLKGKVV
TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLPPI IKAVPEGFVI
PRGNVLTVE NTDPECYWLT NWIETILVQS WYPITVATNS REQKKILAKY
LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHLVNF KGTDTVAGLA
LIKYYGTKD PVPGYSPVAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS
VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPDGS NPLDTVLKVL EILGKKFPVT
ENSKGYKLLP PYLRVIQGDG VDINTLQEIIV EGMKQKMWSI ENIAFGSGGG
LLQKLTRDLL NCSFKCSYVV TNLGINVFK DPVADPNKRS KKGRLSLHRT
PAGNFVTL EE GKGDLEEYGG DLLHTVFKNG KVTKSYSFDE IRKNAQLNIE LEAAHH

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipetting the solution up and down the sides of the vial. **DO NOT VORTEX.** Allow several minutes for reconstitution. A small amount of precipitate may



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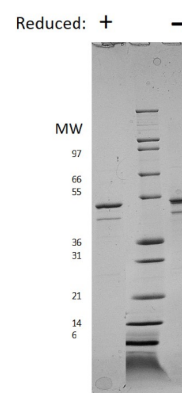
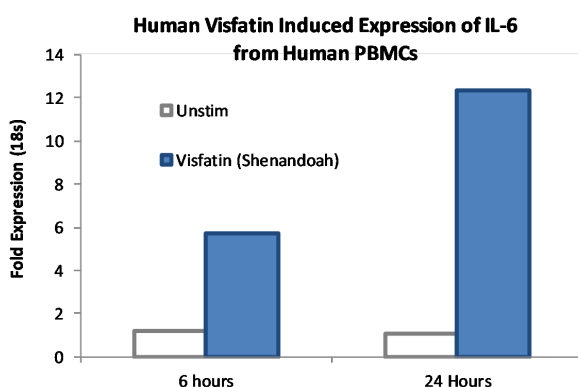
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be seen.□

Storage & Stability:

Upon receipt, store at -20°C to -80°C for up to 1 year. Upon reconstitution, the preparation is stable for up to one month at 2-8 °C. For long term storage reconstitute in working aliquots containing 0.1% BSA and store at -80 °C. **Avoid repeated freeze-thaw cycles.**



Human Visfatin 100-50 Gel

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.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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