

Visfatin Active Protein | NAMPT active protein

Recombinant Human Visfatin

CATALOG # AAA38155	HOST E Coli
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PRODUCT SYNONYMS

Visfatin; Recombinant Human Visfatin; Visfatin Human; Visfatin Human Recombinant; PBEF; Pre-B cell colony-enhancing factor; Nicotinamide phosphoribosyltransferase NAMPTase; Nampt; MGC117256; DKFZP666B131; 1110035O14Rik; NAMPT active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	Visfatin was lyophilized with no additives. Filtered White lyophilized (freeze-dried) powder.
Sequence	MPPNTSKVYS YFECREKTE NSKLKVKYE ETVFYGLQYI LNKYLKGKVV TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLPiE IKAVPEGFVI PRGNVLTVE NTDPECYWLT NWIETILVQS WYPITVATNS REQKKILAKY LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHVNF KGDTTVAGLA LIKKYYGTKD PVPGYSPAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPD SG NPLDTVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG VDINTLQEIV EGMKQKMWSI ENIAFGSGGG LLQKLTRDLL NCSFKCSYVV TNLGINVFK DPVADPNKRS KKGRLSLHRT PAGNFVTL EE GKGDLEEY GQ DLLHTVFKNG KVT KSYSFDE IRKNAQLNIE LEAAHH
Sequence Length	491
Solubility	Centrifuge vial before opening. When reconstituting the product, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with 20 mM HCl at a concentration of 0.1 mg/mL, which can be further diluted into other aqueous solutions. Wait several minutes for full reconstitution and solubility.
Biological Activity	The activity is determined by its ability to induce IL-6, IL-1 beta and TNF alpha production from human PBMCs at 100ng/ml.
Preparation and Storage	Lyophilized Visfatin although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Visfatin should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for NAMPT active protein	Description: Visfatin Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 466 amino acids. The total molecular mass is 52.6kDa (calculated). The Visfatin is purified by DYKDDDDK-affinity chromatography.
Product Categories/Family for NAMPT active protein	Cytokines and Growth Factors ; Cytokines ; Visfatin

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031977
NCBI GeneID	10135

NCBI Accession #	NP_005737.1
NCBI GenBank Nucleotide #	NM_005746.2
UniProt Accession #	P43490 ; Q3KQV0 ; Q8WW95 ; A4D0Q9 ; A4D0R0
NCBI Official Full Name	nicotinamide phosphoribosyltransferase
NCBI Official Synonym Full Names	nicotinamide phosphoribosyltransferase
NCBI Official Symbol	NAMPT
NCBI Official Synonym Symbols	VF; PBEF; PBEF1; VISFATIN; 1110035O14Rik
NCBI Protein Information	nicotinamide phosphoribosyltransferase; NAMPTase; pre-B cell-enhancing factor; pre-B-cell colony enhancing factor 1; pre-B-cell colony-enhancing factor 1
UniProt Protein Name	Nicotinamide phosphoribosyltransferase
UniProt Gene Name	NAMPT
UniProt Synonym Gene Names	PBEF; PBEF1; NAMPTase; Nampt; Pre-B cell-enhancing factor
UniProt Entry Name	NAMPT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/visfatin/38155>