

## Visfatin Human Recombinant

<b>Item Number</b>	rAP-0812
<b>Synonyms</b>	PBEF, Pre-B cell colony-enhancing factor, Nicotinamide phosphoribosyltransferase NAmPRTase, Nampt, MGC117256, DKFZP666B131, 1110035O14Rik.
<b>Description</b>	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 Flag-affinity chromatography.
<b>Uniprot Accesion Number</b>	P43490
<b>Amino Acid Sequence</b>	MPPNTSKVYS YFECREKKTE NSKLRKVKYE ETVFYGLQYI LNKYLKGVV TKEKIQEAKD VYKE-HFQDDV FNEKGWNYIL EKYDGHLP IE IKAVPEGFVI PRGNVLTVE NTDPECYWLT NWIETILVQS WYPITVATNS REQKILAKY LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKYYGTDK PVPGYSPAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPDSG NPLDVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Lyophilized Visfatin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Visfatin should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
<b>Formulation and Purity</b>	Visfatin was lyophilized with no additives. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	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 concentra
<b>Biological Activity</b>	The activity is determined by its ability to induce IL-6, IL-1 beta and TNF alpha production from human PBMCs at 100ng/ml.
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**