

Product datasheet for **TP723477**

Visfatin (NAMPT) (NM_005746) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human nicotinamide phosphoribosyltransferase (NAMPT).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MPPNTSKVYS YFECREKKTE NSKLRKVKYE ETVFYGLQYI LNKYLKGGKW TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLPIE IKAVPEGFVI PRGNVLTVE NTDPECYWLT NWIETILVQS WYPITVATNS REQKILAKY LLETSGNLDG LEYKLHDFGY RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKKYYGTDK PVPGYSPVAA EHSTITAWGK DHEKDAFEHI VTQFSSVPVS VWSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPDSG NPLDVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG VDINTLQEIV EGMKQKMWSI ENIAFGSGGG LLQKLTRDLL NCSFKCSYV TNGLGINVK DPVADPNKRS KKGRLSLHRT PAGNFVTL EE GKGDL E EYGQ DLLHTVFKNG KVTKSYFDE IRKNAQLNIE LEAAHH
Tag:	Tag Free
Predicted MW:	52.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	ED50 was determined by the dose-dependant proliferation of the RPMI 8226 cells. The expected ED50 for this effect is 15.0-20.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_005737
Locus ID:	10135
UniProt ID:	P43490 , A0A024R718
RefSeq Size:	4593
Cytogenetics:	7q22.3



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RefSeq ORF:	1473
Synonyms:	1110035O14Rik; PBEF; PBEF1; VF; VISFATIN
Summary:	This gene encodes a protein that catalyzes the condensation of nicotinamide with 5-phosphoribosyl-1-pyrophosphate to yield nicotinamide mononucleotide, one step in the biosynthesis of nicotinamide adenine dinucleotide. The protein belongs to the nicotinic acid phosphoribosyltransferase (NAPRTase) family and is thought to be involved in many important biological processes, including metabolism, stress response and aging. This gene has a pseudogene on chromosome 10. [provided by RefSeq, Feb 2011]
Protein Families:	Druggable Genome
Protein Pathways:	Nicotinate and nicotinamide metabolism