

## PRODUCT DATA SHEET

### Visfatin Human E. coli

**Cat. No.:** RD172098100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** Human

#### Other Names:

NAMPT, Pre-B cell colony-enhancing factor, PBEF, Nicotinamide phosphoribosyltransferase, NAmPRTase, EC=2.4.2.12, Pre-B-cell colony-enhancing factor 1, PBEF1, NAMPT

#### Description:

Total 348 AA. UniProtKB acc.no. P43490. N-terminal Flag 11 AA. Mw: 39.6 kDa (calculated).

#### Amino Acid Sequence:

MDYKDDDDKA SPPNTSKVYS YFECREKKTE NSKLRKVKEY ETVFYGLQYI LNKYLKGKVV  
TKEKIQEAKD VYKEHFQDDV FNEKGWNYIL EKYDGHLP I E IKAVPEGFVI PRGNVLF TVE  
NTDPECYWLT NWIETILVQS WYPITVATNS REQKKILAKY LLETSGNLDG LEYKLHDFGY  
RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKKYYG TKD PVPGYSPVAA EHSTITAWGK  
DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPD SG  
NPLDITVLKVL EILGKKFPVT ENSKGYKLLP PYLRVIQGDG VDINTLQE

#### Purity:

> 90 % by SDS-PAGE

#### Endotoxin:

< 1.0 EU/μg

#### Formulation:

Filtered (0.4 μm) and lyophilized in 20 mM Tris buffer, 50 mM NaCl, pH 7.5

#### Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

#### Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

#### Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

**Quality Control:**

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Endotoxin level determination.

**Applications:**

Western blotting

**Note:**

This product is intended for research use only.