

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 EKYDGHLPYE IKAVPEGFVI PRGNVLFTE
NTDPECYWLT NWIETILVQS WYPITVATNS REQKKILAKY LLETSGNLDG LEYKLHDFGY
RGVSSQETAG IGASAHLVNF KGTDTVAGLA LIKKYYGTDK PVPGYSPVAA EHSTITAWGK
DHEKDAFEHI VTQFSSVPVS VVSDSYDIYN ACEKIWGEDL RHLIVSRSTQ APLIIRPDGS
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.