

RPPB5126

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## Product Information    Protein Information

**Product SKU:**

RPPB5126

**Accession:**

O95497

**Host:**

Escherichia Coli.

**Protein description:**

VNN1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (Gln22-Gly491) containing 480 amino acids including a 10 aa His tag at N-terminus. The total calculated molecular mass is 53.5kDa.

**Appearance:**

Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Vanin 1, Vascular Non-Inflammatory Molecule 1, Pantetheine Hydrolase, EC 3.5.1.92, Vanin-1, HDLCQ8, Tiff66, Pantetheinase, Vannin 1, EC 3.5.1, VNN1.

**Formulation:**

VNN1 was filtered (0.4 µm) and lyophilized in 20mM Tris buffer, 50mM NaCl and 0.1% amisoft CS-22, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to add 200µl of deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. VNN1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Stability:**

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

**Amino Acid Sequence:**

MKHHHHHHASQDTFTAAYVE HAAILPNATL TPVSREEALA LMNRNLDILE GAITSAADQG AHIIVTPEDA  
YGVNWFNRDS LYPYLEDIPD PEVNWIPCNN RNRFQTPVQ ERLSCLAKNN SIYVVANIGD KKPCDTSDPQ  
CPPDGRYQYN TDVVFDSSQK LVARYHKQNL FMGENQFNVP KEPEIVTFNT TFGSFGIFTC FDILFHDPV  
TLVKDFHVDT IVFPTAWMNV LPHLSAVEFH SAWAMGMRVN FLASNIHYPSS KKMTGSGIYA PNSSRAFHYD  
MKTEEGKLLL SQLDSHPHS AVVNWTSYAS SIEALSSGNK EFKGTVFFDE FTFVKLTGVA GNYTVCQKDL  
CCHLSYKMSE NIPNEVYALG AFDGLHTVEG RYLYLQICTLL KCKTTNLNLC GDSAETASTR FEMFSLSGTF  
GTQYVFPEVL LSENQLAPGE FQVSTDGRLF SLKPTSGPVL TVTLFGRLYE KDWASNASSG.