

## Recombinant Human VNN1 Protein

Catalog #	Source	Reactivity	Applications
CRP2524	Human cells	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human VNN1 Protein is produced by our Mammalian expression system and the target gene encoding Gln22-Ser490 is expressed with a 6His tag at the C-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.		
<b>Gene Symbol</b>	VNN1		
<b>Alternative Names</b>	Pantetheinase; Pantetheine hydrolase; Tiff66; Vascular non-inflammatory molecule 1; Vanin-1		
<b>Entrez Gene</b>	8876 (Human)		
<b>SwissProt</b>	O95497 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>QDTFTAAYVE HAAILPNATL TPVSREEALA LMNRNLDILE GAITSAADQG AHIIVTPEDA            IYGNWVNRDS LYPYLEDIPN PEVNWIPCNN RNRFGQTPVQ ERLSCLAKNN SIYVVANIGD            KKPCDTSDPQ CPPDGRYQYN TDVVFDSSQ GK LVARYHKQNL FMGENQFNVP KEPEIVTFNT            TFGSFGIFTC FDILFHDPVAV TLVKDFHVDV IVFPTAWMNV LPHLSAVEFH SAWAMGMRVN            FLASNIHYPS KKMTGSGIYA PNSSRAFHYD MKTEEGKLLL SQLDSHP SHS AVVNWTSYAS            SIEALSSGNK EFKGTVFFDE FTFVKLTGVA GNYTVCQKDL CCHLSYKMSE NIPNEVYALG            AFDGLHTVEG RYYLQICTLL KCKTTNLNLC GDSAETASTR FEMFSLSGTF GTQYVFPEVL            LSENQLAPGE FQVSTDGRLF SLKPTSGPVL TVTLFGRLYE KDWASNASSV DHHHHHHH</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the		
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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# Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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