

## Active Recombinant Human VNN1 protein, His-tagged

Cat. No. VNN1-2671H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human Vanin-1/VNN1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln22-Ser490) of human Vanin-1/VNN1 (Accession #NP_004657.2) fused with a 6xHis tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gln22-Ser490
<b>Form</b>	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
<b>Bio-activity</b>	Measured by its ability to hydrolyze pantetheine to pantothenate and cysteamine. The specific activity is >3000 pmol/min/µg.
<b>Molecular Mass</b>	70-90kDa
<b>Endotoxin</b>	< 0.1 EU/µg of the protein by LAL method.
<b>Purity</b>	> 95% by SDS-PAGE.
<b>Storage</b>	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## GENE INFORMATION

**Gene Name** VNN1 vanin 1 [ Homo sapiens ]

**Official Symbol** VNN1

**Synonyms** VNN1; vanin 1; pantetheinase; Tiff66; vanin-1; vannin 1; pantetheine hydrolase; vascular non-inflammatory molecule 1; HDLCQ8; MGC116930; MGC116931; MGC116932; MGC116933;

**Gene ID** 8876

**mRNA Refseq** NM\_004666

**Protein Refseq** NP\_004657

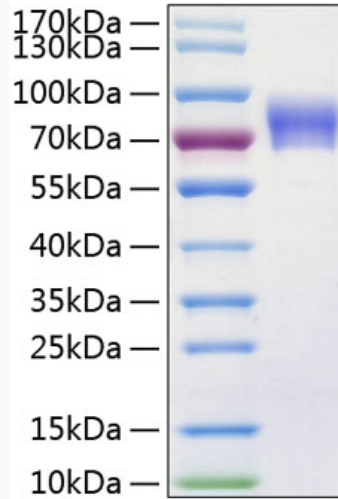
**UniProt ID** O95497

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SDS-PAGE



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