

Active Recombinant Human VNN1 protein, His-tagged

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

SPECIFICATION

Product Overview	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 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln22-Ser490
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to hydrolyze pantetheine to pantothenate and cysteamine. The specific activity is >3000 pmol/min/µg.
Molecular Mass	70-90kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	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](#)

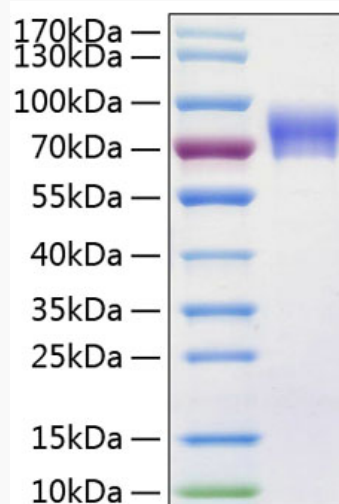
UniProt ID [O95497](#)

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SDS-PAGE



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