

## Active Recombinant Human VNN1 Protein, His-tagged

Cat. No. VNN1-1084H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VNN1 (Accession # O95497) Gln22-Ser490, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	Gln22-Ser490
<b>Predicted N Terminal</b>	No results obtained: Gln22 predicted
<b>Form</b>	Supplied as a 0.2 µ filtered solution in HEPES, NaCl, DTT and Glycerol.
<b>Bio-activity</b>	Measured by its ability to hydrolyze pantetheine to pantothenate and cysteamine. The specific activity is >1500 pmol/min/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Human VNN1, His-tagged has a calculated MW of 53 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## 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](#)

**MIM**

**UniProt ID** [O95497](#)

**Chromosome Location** [6q23-q24](#)

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