

# 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

|                            |                                                                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | VNN1 vanin 1 [ Homo sapiens ]                                                                                                                                             |
| <b>Official Symbol</b>     | VNN1                                                                                                                                                                      |
| <b>Synonyms</b>            | VNN1; vanin 1; pantetheinase; Tiff66; vanin-1; vannin 1; pantetheine hydrolase; vascular non-inflammatory molecule 1; HDLCQ8; MGC116930; MGC116931; MGC116932; MGC116933; |
| <b>Gene ID</b>             | 8876                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | NM_004666                                                                                                                                                                 |
| <b>Protein Refseq</b>      | NP_004657                                                                                                                                                                 |
| <b>MIM</b>                 |                                                                                                                                                                           |
| <b>UniProt ID</b>          | O95497                                                                                                                                                                    |
| <b>Chromosome Location</b> | 6q23-q24                                                                                                                                                                  |

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