Recombinant Human VNN2 Protein, His-tagged

Cat. No. VNN2-573H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VNN2 Protein (Gln23-Pro329) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln23-Pro329
Description	This gene product is a member of the Vanin family of proteins that share extensive sequence similarity with each other, and also with biotinidase. The family includes secreted and membrane-associated proteins, a few of which have been reported to participate in hematopoietic cell trafficking. No biotinidase activity has been demonstrated for any of the vanin proteins, however, they possess pantetheinase activity, which may play a role in oxidative-stress response. The encoded protein is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. This gene lies in close proximity to, and in same transcriptional orientation as two other vanin genes on chromosome 6q23-q24. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 38.3 kDa Accurate Molecular Mass: 38 kDa

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	VNN2 vanin 2 [Homo sapiens (human)]
Official Symbol	VNN2
Synonyms	VNN2; vanin 2; vascular non-inflammatory molecule 2; FOAP 4; GPI 80; pantetheinase; vanin-2; Vannin 2; glycosylphosphatidyl inositol-anchored protein GPI-80; FOAP-4; GPI-80
Gene ID	8875
mRNA Refseq	NM_001242350
Protein Refseq	NP_001229279

MIM	603571
UniProt ID	O95498

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