



Recombinant Human Vascular non-inflammatory molecule 2 (VNN2)

Product Code	CSB-EP025884HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95498
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QDSFIAAV YEHAVILPNK TETPVSQEDA LNLNMENIDI LETAIKQAAE QGARIIVTPE DALYGWKFTR ETVFPYLEDI PDPQVNWIPC QDPHRFGHTP VQARLSCLAK DNSIYVLANL GDKKPCNSRD STCPPNGYFQ YNTNVVYNT GKLVARYHKY HLYSEPQFNV PEKPELVTFN TAFGRFGIFT CFDIFFYDPG VTLVKDFHVD TILFPTAWMN VLPLLTAIEF HSAWAMGMGV NLLVANTHHV SLNMTGSGIY APNGPKVYHY DMKTELGKLL LSEVDSHPLS SLAYPTAVNW NAYATTIKPF PVQKNTFRGF ISRDGFNFTE LFENAGNLTV CQKELCCHLS YRMLQKEENE VYVLGAFTGL HGRRRREYWQ VCTLLKCKTT NLTTTCGRPVE TASTRFEMFS LSGTFGTEYV FPEVLLTEIH LSPGKFEVLK DGRLVNKNGS SGPILTVSLF GRWYTKDSLY SSC
Source	E.coli
Target Names	VNN2
Protein Names	Recommended name: Vascular non-inflammatory molecule 2 Short name= Vanin-2 EC= 3.5.1.92 Alternative name(s): Glycosylphosphatidyl inositol-anchored protein GPI-80 Protein FOAP-4
Expression Region	23-493
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene product is a member of the Vanin family of proteins which 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. Two transcript variants encoding different isoforms have been described for this gene.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.