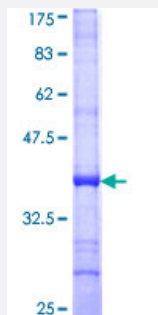


VNN2 (Human) Recombinant Protein (Q01)

Catalog # H00008875-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human VNN2 partial ORF (NP_004656, 320 a.a. - 419 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	WNAYATTIKPFPVQKNTFRGFISRDGFNFTELFENAGNLTVCCQKELCCHLSYRMLQKEENEVYVL GAFTGLHGRRRREYWQVCTMLKCKTTNLTTCTGRPV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — VNN2

Entrez GeneID [8875](#)

GeneBank Accession# [NM_004665](#)

Protein Accession# [NP_004656](#)

Gene Name VNN2

Gene Alias FOAP-4, GPI-80

Gene Description vanin 2

Omim ID [603571](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations GPI-80 variant protein 1|GPI-80 variant protein 2|GPI-80 variant protein 3|GPI-80 variant protein 4|Vannin 2|pantetheinase

Disease

- [Breast cancer](#)

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian cancer](#)