

## 32-7561: Recombinant Human Vanin-2/VNN2 (C-6His)

**Gene :** VNN2  
**Gene ID :** 8875  
**Uniprot ID :** O95498

### Description

Source: Human Cells.  
MW :54.23kD.

Recombinant Human Vascular Non-Inflammatory Molecule 2 is produced by our Mammalian expression system and the target gene encoding Gln23-Ser492 is expressed with a 6His tag at the C-terminus. Vascular Non-Inflammatory Molecule 2 (VNN2) is a member of the CN hydrolase family. The family includes secreted and membrane-associated proteins, a few of which have been reported to participate in hematopoietic cell trafficking. they possess pantetheinase activity, which may play a role in oxidative-stress response. VNN2 is a GPI-anchored cell surface molecule that plays a role in transendothelial migration of neutrophils. VNN2 involved in the thymus homing of bone marrow cells. In addition, VNN2 may regulate beta-2 integrin-mediated cell adhesion, migration and motility of neutrophil.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.5.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** QDSFIAAVYEHAVILPNKTETPVSQEDALNLMNENIDILETAIKQAAEQGARIIVTPEDALYGWKFRETVPFYLED  
IPDPQVNWIPCQDPHRFGHTPVQARLSCLAKDNSIYVLANLGDKKPCNSRDSTCPPNGYFYQYNTNVVYNTTEGK  
LVARYHKYHLYSEPFQFNVPEKPELVTFNTAFGRFGIFTCFDIFFYDPGVTLVKDFHVDTLFPTAWMNVPLLTAE  
FHSAWAMGMGNLLVANTHHVSLNMTGSGIYAPNGPKVYHYDMKTELGLKLLSEVDSHPLSSLAYPTAVNWN  
AYATTIKPFPVQKNTFRGFISRDGFNFTELFENAGNLTVQCCELCHLSYRMLQKEENEVYVLGAFTGLHGRRR  
REYWQVCTMLKCKTTNLTTCGRPVETASTRFEMFSLSGTFGTEYVFPEVLLTEIHLSPGKFVLDGRLVNKNG  
SSGPILT VSLFGRWYTKDSLYSSVDHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.