Recombinant Human VNN2 Protein (His Tag)

Catalog Number: PKSH033354

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

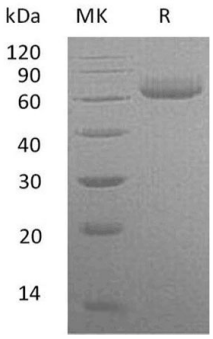
Description

Species	Human
Source	HEK293 Cells-derived Human VNN2 protein Gln23-Ser492, with an C-terminal His
Calculated MW	54.2 kDa
Observed MW	68 kDa
Accession	O95498
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

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.