

Human VNN2/Vanin-2 (His Tag) recombinant protein



Catalog Number: 500978

General Information

Gene Name Synonym

Glycosylphosphatidyl inositol-anchored protein
GPI-80; Protein FOAP-4

Protein Construction

A DNA sequence encoding the human VNN2 isoform 1 (NP_004656.2) without the propeptide (Met 1-Ser 492) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 98 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 23

Molecular Mass

The recombinant human VNN2 consists of 481

amino acids and predicts a molecular mass of 54.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhVNN2 is approximately 55-60 kDa due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

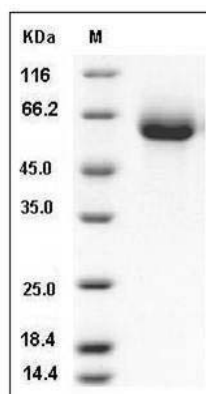
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human VNN2 / Vanin-2 Protein (His Tag) SDS-PAGE