

Human VTN / Vitronectin Protein (His Tag)

Catalog Number: 10424-H08H



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

VTN, Vitronectin

Protein Construction:

A DNA sequence encoding the human VTN (NP_000629.3) (Met1-Leu478) was expressed with a polyhistidine tag at the C-terminus.

Source: Human

Expression Host: Human Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Bio-Activity:

Measured by the ability of the immobilized protein to support the adhesion of DU145 human prostate carcinoma cells.

When cells are added to Vitronectin coated plates (10 µg/mL and 100 µL/well), approximately >40% cells will adhere specifically after 30 minutes at 37°C.

Endotoxin:

< 1.0 EU per µg 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: Asp 20

Molecular Mass:

The recombinant human VTN consists 470 amino acids and predicts a molecular mass of 53.7 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

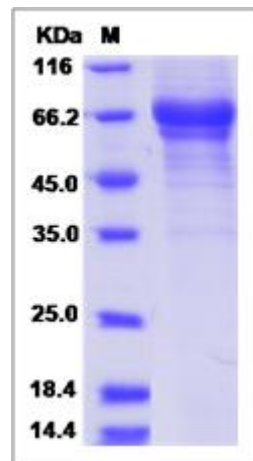
Usage Guide

Storage:

Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

SDS-PAGE:



Reconstitution:

Detailed reconstitution instructions are sent along with the products.

Manufactured By Sino Biological Inc., FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

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