Human Vimentin (His Tag) recombinant protein

Catalog Number: 500582

General Information

Protein Construction

A DNA sequence encoding the human VIM (Met 1-Glu466) (P08670) was expressed, with a C-terminal polyhistidine tag.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

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

Stability

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

Predicted N terminal

Met

Molecular Mass

The secreted recombinant human VIM consists of 476 amino acids and predicts a molecular mass of 55 KDa. The apparent molecular mass of the protein is approximately 56 KDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile 40% acetonitrile, 0.1% TFA
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

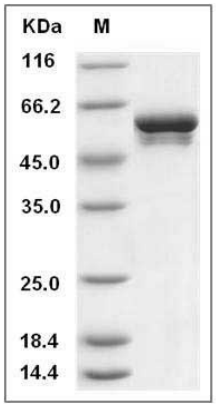
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 Vimentin / VIM Protein (His Tag)