

Human PTX3/Pentraxin 3/TSG-14 (His Tag) recombinant protein



Catalog Number: 501836

General Information

Gene Name Synonym

Pentaxin-related protein PTX3; Tumor necrosis factor alpha-induced protein 5; Tumor necrosis factor-inducible gene 14 protein

Protein Construction

A DNA sequence encoding the human PTX3 (NP_002843.2) (Met 1-Ser 381) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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°C

Predicted N terminal

Glu 18

Molecular Mass

The secreted recombinant human PTX3 consists of 375 amino acids and has a predicted molecular mass of 41.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 43-47 kDa.

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

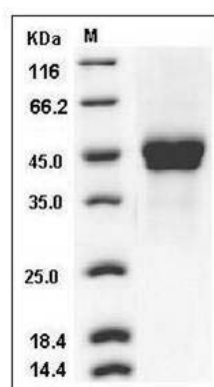
Storage

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 PTX3 / Pentraxin 3 / TSG-14 Protein (His Tag) SDS-PAGE