Human Latexin (Fc Tag) recombinant protein

Catalog Number: 502540

General Information

Gene Name Synonym

Endogenous carboxypeptidase inhibitor; Protein MUM; Tissue carboxypeptidase inhibitor

Protein Construction

A DNA sequence encoding the human Latexin (NP_064554.3) (Glu 2-Glu 222) was fused with the Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 90 % 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

Glu 20

Molecular Mass

The recombinant human Fc/LXN is a disulfide-linked homodimeric protein.The reduced monomer consists of 458 amino acids and predicts a molecular mass of 52 kDa. As a result of glycosylation, the apparent molecular mass of rhFc/LXN monomer is approximately 60-65 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

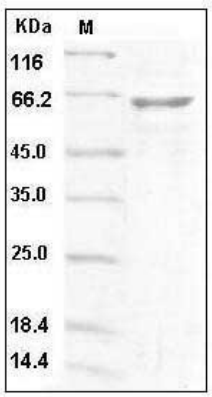
Storage

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 Latexin / LXN / TCI Protein (Fc Tag) SDS-PAGE