

Human MUC-1/Mucin 1/CD227 recombinant protein



Catalog Number: 503470

General Information

Gene Name Synonym

Breast carcinoma-associated antigen DF3; Cancer antigen 15-3; Carcinoma-associated mucin; Episialin; H23AG; Krebs von den Lungen-6; PEMT; Peanut-reactive urinary mucin; Polymorphic epithelial mucin; Tumor-associated epithelial membrane antigen; Tumor-associated mucin; Mucin-1 subunit alpha; Mucin-1 subunit beta; MUC1-CT

Protein Construction

A DNA sequence encoding the human MUC1 isoform 2 (NP_001018016.1) extracellular domain (Met 1-Gly 167) was expressed with six amino acids (LEVLFQ) at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> (9.5+86.8) % as determined by SDS-PAGE

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

Ser 33

Molecular Mass

The recombinant human MUC1 consists of 142 amino and has a predicted molecular mass of 15.4 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.