

Human CLPS / Colipase (His Tag) recombinant protein



Catalog Number: 502169

General Information

Protein Construction

A DNA sequence encoding the human CLPS (P04118) (Met 1-Gln 112) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

1. Measured by its binding ability in a functional ELISA.
2. Immobilized human CLPS-His at 10 μ g/mL(100 μ L/well) can bind biotinylated human PNLIP-His (Cat:501007).
The EC₅₀ of biotinylated human PNLIP-His (Cat:501007) is 0.57-1.33 μ g/mL.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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

Ala 18

Molecular Mass

The recombinant human CLPS consists of 105 amino acids and predicts a molecular mass of 11.5 kDa. It migrates as an approximately 12 KDa band in SDS-PAGE under reducing conditions.

Formulation

- Lyophilized from sterile PBS, 500mM NaCl, pH 7.0, 10% gly
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
 2. Please contact us for any concerns or special requirements.

Usage Guide

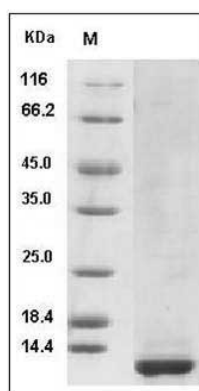
Storage

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 CLPS / Colipase Protein (His Tag) SDS-PAGE