Human SELP / P Selectin (His Tag) recombinant protein

Catalog Number: 504222



General Information

Gene Name Synonym

CD62 antigen-like family member P; Granule membrane protein 140; Leukocyte-endothelial cell adhesion molecule 3; Platelet activation dependent granule-external membrane protein

Protein Construction

A DNA sequence encoding the human SELP (AAN06828.1) extracellular domain (Met 1-Ala 771) was fused with a polyhistidine tag at the Cterminus.

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°C

Predicted N terminal

Trp 42

Molecular Mass

The secreted recombinant human SELP consists of 741 amino acids and has a predicted molecular mass of 81.3 kDa. The apparent molecular mass of the protein is approximately 120 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

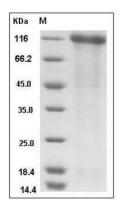
Storage

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 SELP / selectin P / P-selectin Protein (His Tag) SDS-PAGE