Human megakaryocyte potentiating factor recombinant protein

Catalog Number: 504304

General Information

Gene Name Synonym

CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; Megakaryocyte-potentiating factor; Mesothelin, cleaved form

Protein Construction

A DNA sequence encoding the human MSLN (NP_005814.2) (Glu296-Gly580) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> (5.6+73.7+8.4)% 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℃

Predicted N terminal

Gly

Molecular Mass

The recombinant human MSLN consists 287 amino acids and predicts a molecular mass of 32.4 kDa. The apparent molecular mass of the protein is higher than the theoretical value 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

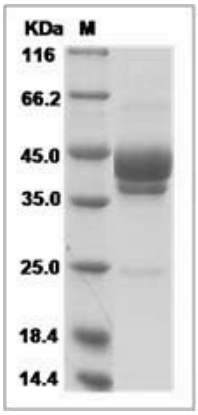
Storage

Store it under sterile conditions at -20℃ 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 MSLN / Mesothelin Protein