

Rat Coagulation Factor III / Tissue Factor / CD142 (His Tag) recombinant protein



Catalog Number: 503327

General Information

Protein Construction

A DNA sequence encoding the rat F3 (Q66HI4) (Met1-Glu252) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 95 % 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

Ala 29

Molecular Mass

The recombinant rat F3 comprises 235 amino acids and predicts a molecular mass of 27.2 kDa. The apparent molecular mass of the recombinant

protein is approximately 47-52 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

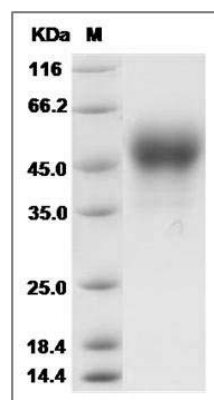
Store it under sterile conditions at -20°C to -80°C .

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



Rat Coagulation Factor III / Tissue Factor / CD142 Protein (His Tag) SDS-PAGE