Recombinant Human CD142/Tissue factor/F3 Protein

Catalog No.: RP00524 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	2152	P13726

Tags
C-6×His

Synonyms
CD142; TF; TFA;F3;TF;TFA

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Tissue Factor (TF) is a single-pass type I membrane glycoprotein member of the tissue factor family. TFexpression is highly dependent upon cell type. This factor enables cells to initiate the blood coagulationcascades, and it functions as the high-affinity receptor for the coagulation factor VII. TF initiates bloodcoagulation by forming a complex with circulating factor VII or VIIa. The complex activates factors IX or X byspecific limited protolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly andpropagation of the coagulation protease cascade.

Basic Information

Description
Recombinant Human CD142/Tissue factor/F3 Protein is produced by Human cells expression system. The target protein is expressed with sequence (Gly34-Glu251) of human CD142/Tissue factor/F3 (Accession #P13726) fused with a 6×His tag at the C-terminus.

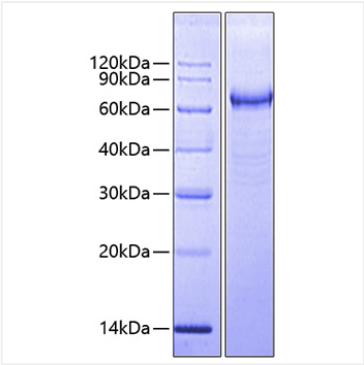
Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

www.abclonal.com

Validation Data



Recombinant Human CD142/Tissue factor/F3 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.