Recombinant Mouse Tissue Factor/TF Protein

Catalog No.: RP03550

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Sequence Information

Species
Mouse

Gene ID
14066

Swiss Prot
P20352

Tags
C-His

Synonyms
F3, Cf-3, Cf3,Tissue factor, TF, Coagulation factor III, CD142

Product Information

Source
Mammalian

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
26.2 KDa

Observed MW
35-42 KDa

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

Formulation
Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.05% Brij35, pH 7.5.

Reconstitution
Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Tissue Factor/TF, also known as coagulation factor III, F3, and CD142, is a single-pass type I membrane protein which belongs to the tissue factor family. Tissue factor is one of the proteins that participate in hemostatic and inflammatory processes. Activated monocytes present in the liver increase expression of tissue factor, and while accumulating in the organ they can intensify inflammation. Tissue factor is the protein that activates the blood clotting system by binding to, and activating, the plasma serine protease, factor VIIa, following vascular injury. Tissue factor is not only the main physiological initiator of normal blood coagulation, but is also important in the natural history of solid malignancies in that it potentiates metastasis and angiogenesis and mediates outside-in signalling.

Basic Information

Description
Recombinant Mouse Tissue Factor/TF Protein is produced by Mammalian Cells system. The target protein is expressed with sequence (Ala29-Glu251) of Mouse Tissue Factor/TF(Accession #NP_034301.3) fused with His tag at the C-Terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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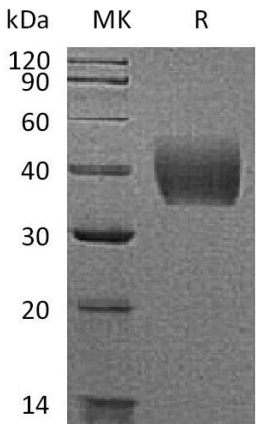
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Mouse Tissue Factor/TF Protein was determined by reducing SDS-PAGE.