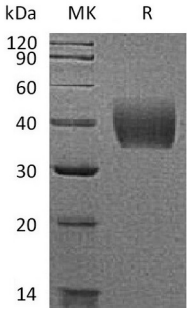
Product Name: Recombinant Mouse TF (C-6His)
Catalog #: PHM1660

Summary

Name	Tissue Factor
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Tissue Factor is produced by our Mammalian expression system and the target gene encoding Ala29-Glu251 is expressed with a 6His tag at the C-terminus.
Accession #	P20352
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	26.2 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.05% Brij35, pH 7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
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.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.

SDS-PAGE image



Background

Product Name: Recombinant Mouse TF (C-6His)
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Alternative Names	Tissue factor; TF; Coagulation factor III
Background	Tissue/xa0Factor, also known as thromboplastin and CD142,/xa0belongs to the tissue factor family which conteins 294 amino acid (aa). Mouse TF consists of a signal peptide (residues 1-28) and the mature chain (residues 29-294). It is a single-pass type I membrane protein that expressed in the liver oscillates in a circadian manner. Interacts with HSPE; the interaction, inhibited by heparin, promotes the generation of activated factor X and activates coagulation in the presence of activated factor VII. Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited protolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.

Note

For Research Use Only , Not for Diagnostic Use.