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Recombinant mouse Coagulation Factor III/Tissue Factor protein

Catalog Number: ATGP3327

PRODUCT INFORMATION

Expression system

Baculovirus

Domain

29-251aa

UniProt No.

P20352

NCBI Accession No.

NP 034301

Alternative Names

Tissue factor, F3, AA409063, CD142, Cf-3, Cf3, TF

PRODUCT SPECIFICATION

Molecular Weight

26.4 kDa (232aa)

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity

> 95% by SDS-PAGE

Endotoxin level

< 1 EU per 1ug of protein (determined by LAL method)

ıag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

F3, also known as tissue factor, is an integral membrane protein found in a variety of cell types. It functions as a protein cofactor/receptor of Coagulation Factor VII, which is synthesized in the liver and circulated in the plasma. Recombinant mouse F3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.



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Amino acid Sequence

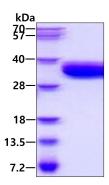
<ADP>AGIPEKA FNLTWISTDF KTILEWQPKP TNYTYTVQIS DRSRNWKNKC FSTTDTECDL TDEIVKDVTW AYEAKVLSVP RRNSVHGDGD QLVIHGEEPP FTNAPKFLPY RDTNLGQPVI QQFEQDGRKL NVVVKDSLTL VRKNGTFLTL RQVFGKDLGY IITYRKGSST GKKTNITNTN EFSIDVEEGV SYCFFVQAMI FSRKTNQNSP GSSTVCTEQW KSFLGE

General References

Versteeg HH., et al. (2003) Carcinogenesis. 24:1009-1013. Morrissey JH., et al. (2004) Int J Hematol. 79:103-108.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

