

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)

Tag

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 RDTNLGQPMI QQFEQDGRKL NVVVKDSLTL VRKNGTFLTL RQVFGKDLGY
IITYRKGSSST GKKTNITNTN EFSIDVEEGV SYCFFVQAMI FSRKTNQNSP GSSTVCTEQW KSFLGE<HHHH HH>

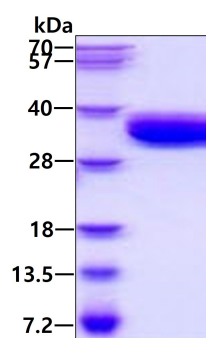
General References

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.