Recombinant Mouse F3 Protein, His-tagged

Cat. No. F3-47M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse F3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect Cells
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.
Form	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Molecular Mass	26.4kDa (232aa)28-40KDa (SDS–PAGE under reducing conditions.)
AA Sequence	ADPAGIPEKA FNLTWISTDF KTILEWQPKP TNYTYTVQIS DRSRNWKNKC FSTTDTECDL TDEIVKDVTW AYEAKVLSVP RRNSVHGDGDQLVIHGEEPP FTNAPKFLPY RDTNLGQPVI QQFEQDGRKL NVVVKDSLTL VRKNGTFLTL RQVFGKDLGY IITYRKGSST GKKTNITNTNEFSIDVEEGV SYCFFVQAMI FSRKTNQNSP GSSTVCTEQW KSFLGEHHHH HH
Endotoxin	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity	>95% by SDS - PAGE

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Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20Centigrade or -70Centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Absorbance at 280nm)

GENE INFORMATION

Gene Name	F3 coagulation factor III [Mus musculus]
Official Symbol	F3
Synonyms	F3; coagulation factor III; tissue factor; TF; Cf3; Cf-3; CD142; AA409063;
Gene ID	14066
mRNA Refseq	NM_010171
Protein Refseq	NP_034301
MIM	
UniProt ID	
Pathway	Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Extrinsic Pathway, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	cell surface binding; phospholipid binding; protease binding;

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