

Active Recombinant Mouse F2 protein(Met1-Gly618), His-tagged

Cat. No. F2-1186M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F2 protein(NP_034298.1)(Met1-Gly618), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly618
similar	F2
Alias	F2; coagulation factor II; prothrombin; Cf2; FII; Cf-2; thrombin;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The secreted recombinant mouse F2 consists of 605 amino acids (pro form) and has a calculated molecular mass of 69.3 kDa. The apparent molecular mass of the recombinant mouse F2 is approximately 85 kDa in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 96 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	F2 coagulation factor II [Mus musculus]
GeneNameWeblink	14061
OfficialSymbol	F2
OfficialSymbolWeblink	14061
GenelD	14061
GenelDWeblink	14061
mRNARefseq	NM_010168
mRNARefseqWeblink	NM_010168.2
ProteinRefseqWeblink	NP_034298.1
MIMWeblink	
UniProtID	

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UniProtIDWeblink	
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GENE INFORMATION

Synonyms	F2; coagulation factor II; prothrombin; Cf2; FII; Cf-2; thrombin;
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MIM	
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