Active Recombinant Mouse F7 protein(Met1-Leu446), His-tagged

Cat. No. F7-2206M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F (NP_034302.2) (Met 1-Leu 446) was expressed in CHO, fused with the a polyhistidine tag at the C-terminus.
Species	Mouse
Source	CHO
ProteinLength	Met1-Leu446
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse F7-his at 10 μg/ml (100 μl/well) can bind biotinylated mouse F3-his. The EC50 of biotinylated mouse F3-his is 0.1-0.3 μg/ml.
Molecular Mass	The mature form of mouse F consists of 416 amino acids after removal of the signal peptide and the propeptid, and has a predicted molecular mass of 47 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm F is approximately 56-63 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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.

GENE INFORMATION

Gene Name	F7 coagulation factor VII [Mus musculus]
Official Symbol	F7
Synonyms	F7; coagulation factor VII; serum prothrombin conversion accelerator; Cf7; FVII; mfVII; AI132620;
Gene ID	14068
mRNA Refseq	NM_010172
Protein Refseq	NP_034302

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA