

Active Recombinant Mouse F10 Protein, His-tagged

Cat. No. F10-1058M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F10 (Accession # O88947) Met1-Asn481, fused with a C-terminal 10-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Mouse
Source	Sf21 Cells
ProteinLength	Met1-Asn481
Predicted N Terminal	Tyr84, Ile232
Form	Supplied as a 0.2 µ filtered solution in MES, NaCl and CaCl ₂ .
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nva I-WRK(Dnp)-NH ₂ . The specific activity is >300 pmol/min/µg, as measured under the described conditions. See Activity Assay Protocol on www.RnDSystems.com .
Molecular Mass	Recombinant Mouse F10, His-tagged has a calculated MW of 29 kDa & 10 kDa. In SDS-PAGE migrates as 30-38 kDa & 13-15 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name	F10 coagulation factor X [Mus musculus]
Official Symbol	F10
Synonyms	F10; coagulation factor X; stuart factor; fX; Cf10;
Gene ID	14058
mRNA Refseq	NM_001242368
Protein Refseq	NP_001229297
MIM	

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