

Recombinant Mouse Coagulation Factor X, His-tagged

Cat. No. F10-2460M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse coagulation factor X was expressed in <i>HEK Cell</i> culture and purified by conventional and chelated metal affinity chromatography. It contained a 8X-His tag at C terminus for purification. MW=58.8KDa.
Species	Mouse
Source	HEK293
Description	Complements for Factor X in human deficient plasma clotting assays. Concentration is determined by absorbance at 280 nm using an extinction coefficient of 0.953 mg-1 ml-1. Factor X, also known by the eponym Stuart-Prower factor or as prothrombinase, is an enzyme of the coagulation cascade. It is a serine endopeptidase (protease group S1).
Concentration	1.0 mg/ml.
Volume	0.1 ml.
Buffer	0.02 M Tris-HCl; 0.1 M NaCl; 0.001 M. Benzamidine; pH 7.4.
Form	Frozen liquid.
Shipping Information	Recommended Storage: -70°C; Shipping Conditions: Dry ice; Minimum Shelf Life: 3 years from delivery.

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GENE INFORMATION

Gene Name	F10 coagulation factor X [<i>Mus musculus</i>]
Synonyms	F10; coagulation factor X; fX; Cf10; stuart factor; OTTMUSP00000022499; OTTMUSP00000022500; EC 3.4.21.6
Gene ID	14058
mRNA Refseq	NM_007972
Protein Refseq	NP_031998
UniProt ID	O88947
Chromosome Location	8 7.0 cM
Pathway	Complement and coagulation cascades
Function	calcium ion binding; catalytic activity; hydrolase activity; peptidase activity; protein binding; serine-type endopeptidase activity; serine-type peptidase activity

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on 1c5m.



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