Recombinant Mouse F11 Protein, MYC/DDK-tagged

Cat. No. F11-439M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse coagulation factor XI (F11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a glycoprotein coagulation factor that plays an important role in intrinsic pathway of blood coagulation and hemostasis. The encoded protein is an inactive zymogen that can be activated by coagulation factor XIIa, thrombin or factor XIa to generate active factor XIa protease. Mice lacking the encoded protein display a survival advantage during peritoneal sepsis and resist inflammation and bacterial accumulation upon infection with Listeria.
Molecular Mass	69.8 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	F11 coagulation factor XI [Mus musculus (house mouse)]
Official Symbol	F11
Synonyms	F11; coagulation factor XI; FXI; PTA; Cf11; AI503996; 1600027G01Rik; coagulation factor XI; plasma thromboplastin antecedent; EC 3.4.21.27
Gene ID	109821
mRNA Refseq	NM_028066
Protein Refseq	NP_082342
UniProt ID	Q91Y47

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