

Active Recombinant Mouse F11 Protein, His-tagged

Cat. No. F11-766M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F11 (Accession # NP_082342) Glu19-Val624, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Glu19-Val624
Predicted N Terminal	Glu19
Form	Supplied as a 0.2 µ filtered solution in HEPES and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, t-butyloxycarbonyl-Ile-Glu-Gly-Arg-7-amido-4-methylcoumarin (Boc-IEGR-AMC). The specific activity is > 100 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse F11, His-tagged has a calculated MW of 69 kDa. In SDS-PAGE migrates as 74 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	F11 coagulation factor XI [Mus musculus]
Official Symbol	F11
Synonyms	F11; coagulation factor XI; PTA; plasma thromboplastin antecedent; FXI; Cf11; AI503996; 1600027G01Rik;
Gene ID	109821
mRNA Refseq	NM_028066
Protein Refseq	NP_082342
MIM	

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