

## Active Recombinant Mouse F11 Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	Glu19-Val624
<b>Predicted N Terminal</b>	Glu19
<b>Form</b>	Supplied as a 0.2 µ filtered solution in HEPES and NaCl.
<b>Bio-activity</b>	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/g, as measured under the described conditions.
<b>Molecular Mass</b>	Recombinant Mouse F11, His-tagged has a calculated MW of 69 kDa. In SDS-PAGE migrates as 74 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	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

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

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