

## Recombinant Mouse Fgg Protein, His-tagged

Cat. No. Fgg-732M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fgg(Val168~Lys405) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val168~Lys405
<b>Description</b>	This gene encodes the gamma subunit of the coagulation factor fibrinogen, which is a component of the blood clot. Mice lacking the encoded protein did not possess detectable amounts of plasma fibrinogen. Pregnant mice lacking the encoded protein die due to heavy bleeding during delivery. This gene is located adjacent to the genes encoding fibrinogen alpha and gamma subunits on chromosome 3. Alternate splicing of this gene results in multiple transcript variants encoding distinct isoforms.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	28.6kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein

**Stability**

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Fgg fibrinogen gamma chain [ *Mus musculus* ]

**Official Symbol**

Fgg

**Synonyms**

FGG; fibrinogen gamma chain; gamma-fibrinogen; fibrinogen gamma-chain; fibrinogen, gamma polypeptide; AI256424; 3010002H13Rik;

**Gene ID**

99571

**mRNA Refseq**

NM\_133862

**Protein Refseq**

NP\_598623

**UniProt ID**

Q8VCM7

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