Recombinant Mouse Fgg Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Fgg(Val168~Lys405) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val168~Lys405
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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