

Recombinant Mouse Fgg Protein, Myc/DDK-tagged

Cat. No. Fgg-3005M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length fibrinogen gamma chain (Fgg), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	49.4 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 Fgg fibrinogen gamma chain [Mus musculus (house mouse)]

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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