

Recombinant Human FGG 293 Cell Lysate

Cat. No. FGG-6231HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for fibrinogen gamma chain (FGG), transcript variant gamma-A is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name FGG fibrinogen gamma chain [Homo sapiens]

Official Symbol FGG

Synonyms FGG; fibrinogen gamma chain; fibrinogen, gamma polypeptide;

Gene ID 2266

mRNA Refseq NM_000509

Protein Refseq NP_000500

MIM 134850

UniProt ID P02679

Chromosome Location 4q28

Pathway Blood Clotting Cascade, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; GRB2:SOS provides linkage to MAPK signaling for Intergrins, organism-specific biosystem; Glucocorticoid receptor regulatory network, organism-specific biosystem;

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Function

eukaryotic cell surface binding; protein binding, bridging; receptor binding;

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