

Native Rat Fibrinogen

Cat. No. Fgb -68R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Prepared from fresh rat plasma using several chromatographic steps. Plasminogen depleted by lysine affinity chromatography.
Species	Rat
Source	Rat plasma
Form	Frozen liquid
Molecular Mass	340,000
Purity	>95% by SDS-PAGE analysis
Characteristic	>80% Clottable
Usage	For in vitro laboratory use only. Thaw protein in a 37°C water bath. Aliquot and freeze the unused portion.
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.
Storage	-70°C

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Concentration	2.5 mg/ml
Storage Buffer	0.02M Sodium Citrate-HCl; pH 7.4
Shipping	Dry ice

GENE INFORMATION

Gene Name	Fgb fibrinogen beta chain [Rattus norvegicus]
Official Symbol	Fgb
Synonyms	FGB; fibrinogen beta chain; fibrinogen, beta polypeptide; fibrinogen, B beta polypeptide; liver regeneration-related protein LRRG036/LRRG043/LRRG189; Ab1-181; Ab1-216; Ac1-581;
Gene ID	24366
mRNA Refseq	NM_020071
Protein Refseq	NP_064456
UniProt ID	P14480
Chromosome Location	2q31-q34
Pathway	Blood Clotting Cascade, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin

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Clot (Clotting Cascade), organism-specific biosystem; GRB2:SOS provides linkage to MAPK signaling for Intergrins, organism-specific biosystem;

Function

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

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