

## Native Rat Fibrinogen

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Prepared from fresh rat plasma using several chromatographic steps. Plasminogen depleted by lysine affinity chromatography.                                                                                                                                                                 |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Rat plasma                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | Frozen liquid                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 340,000                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | >95% by SDS-PAGE analysis                                                                                                                                                                                                                                                                   |
| <b>Characteristic</b>   | >80% Clottable                                                                                                                                                                                                                                                                              |
| <b>Usage</b>            | For in vitro laboratory use only. Thaw protein in a 37°C water bath. Aliquot and freeze the unused portion.                                                                                                                                                                                 |
| <b>Notes</b>            | 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. |
| <b>Storage</b>          | -70°C                                                                                                                                                                                                                                                                                       |

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

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                     |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | <a href="#">Fgb fibrinogen beta chain [ Rattus norvegicus ]</a>                                                                                                                                                                                                                                                     |
| <b>Official Symbol</b>     | Fgb                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>            | FGB; fibrinogen beta chain; fibrinogen, beta polypeptide; fibrinogen, B beta polypeptide; liver regeneration-related protein LRRG036/LRRG043/LRRG189; Ab1-181; Ab1-216; Ac1-581;                                                                                                                                    |
| <b>Gene ID</b>             | <a href="#">24366</a>                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>         | <a href="#">NM_020071</a>                                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>      | <a href="#">NP_064456</a>                                                                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>          | <a href="#">P14480</a>                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 2q31-q34                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | 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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