

## Native Atlantic salmon Fibrinogen

**Cat. No.** Fibrinogen-01S    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A blood clotting protein derived from Atlantic salmon ( <i>Salmo salar</i> ).                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Atlantic salmon                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | Blood                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | More efficient ECM than human-derived fibrin. Slower gel degradation in vitro and in vivo. Excellent selection & proliferation of stem cells. Superior performance for neurite & neuronal cell growth. Provides non-linear elasticity & soft compliance, improved cell migration, growth and differentiation. Higher biocompatibility. Allows easier optimization of cell culture conditions. Non-carcinogenic, low toxicity and immunogenicity. |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Endotoxin</b>        | < 10.0 EU/mL                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 90 % clottable protein                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Applications</b>     | Non-mammalian extracellular matrix<br>Regenerative medicine<br>Tumorigenic cell selection & growth<br>Stem cell selection & proliferation                                                                                                                                                                                                                                                                                                        |
| <b>Stability</b>        | Shelf Life: 3 years from manufacture                                                                                                                                                                                                                                                                                                                                                                                                             |

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|----------------|-----------------------|
| <b>Storage</b> | Below -60 centigrade. |
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|----------------------|--------------------|
| <b>Concentration</b> | > 20 mg/mL protein |
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## GENE INFORMATION

|                        |            |
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| <b>Official Symbol</b> | Fibrinogen |
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|-----------------|------------|
| <b>Synonyms</b> | Fibrinogen |
|-----------------|------------|

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