

## Recombinant Swine Tissue-Type Plasminogen Activator (PLAT), N-His-GST

Cat. No.: AP9C959

Product Type: Animal Proteins

Size: 50 µg; 100 µg; 200 µg; 500 µg; 1 mg; 5 mg

### Product Overview

BioVenic's Recombinant Swine Tissue-Type Plasminogen Activator (PLAT), N-His-GST is a recombinant protein expressed from *E. coli*. Its predicted molecular weight is 88.3 kDa. The purity is >90% (SDS-PAGE).

### Specifications

|                            |                                                                                                             |
|----------------------------|-------------------------------------------------------------------------------------------------------------|
| Type                       | Recombinant Protein                                                                                         |
| Species                    | Swine                                                                                                       |
| Expression System          | <i>E. coli</i>                                                                                              |
| Purity                     | >90% (SDS-PAGE)                                                                                             |
| Predicted Molecular Weight | 88.3 kDa                                                                                                    |
| Physical State             | Lyophilized                                                                                                 |
| Formulation                | The buffer before lyophilization is PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |

### Target Information

Swine tissue-type plasminogen activator (PLAT) is a serine protease that converts plasminogen to plasmin, playing a crucial role in fibrinolysis. It helps dissolve blood clots and is used in medical treatments for thrombotic disorders.

|                 |                                                                                      |
|-----------------|--------------------------------------------------------------------------------------|
| Protein         | Swine Tissue-Type Plasminogen Activator (PLAT)                                       |
| Protein Synonym | Tissue-type plasminogen activator chain A; Tissue-type plasminogen activator chain B |
| Gene ID         | <a href="#">397121</a>                                                               |
| UniProt ID      | <a href="#">Q8SQ23</a>                                                               |

### Shipping and Storage

This product is shipped with dry ice. It is recommended to aliquote as needed and store at -80°C upon receipt. Reconstituted protein solution can be stored at 4°C for 1 week, at < -80°C for 12 months. Avoid repeated freezing and thawing.

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## User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.