Serpine 1
Mouse PAI-1 genetically deficient heart

Catalog No.	CS225A CS225B	**Quantity:**	1 Heart 2 Hearts

Alternate Names: PAI1, PAI-1, Planh1

Description: This organ is an ideal negative control for western blotting, immunoprecipitation, immunohistochemistry and other experiments involving PAI-1. Collected and flash frozen from homozygous PAI-1 knockout mice of strain B6.129S2-Serpine1 tm1Mlg /J. The targeted PAI-1 knockout mutation was made on the C57BL/6J background strain. Mice homozygous for this mutation develop normally and are viable and fertile. Compared to wild type mice, pulmonary clot lysis is increased in the heterozygote and further increased in the homozygote. Endotoxin induced venous thrombosis is decreased compared to wild type mice. Thus, disruption of the Serpine1 gene induces a mild hyperfibrinolytic state. Hemostasis is normal in homozygous mutants.

Gene ID: 18787

Source: PAI-1 knockout mouse

Formulation: Frozen Tissue

Purity: Organ

Storage & Stability: When stored at -80°C, product is stable for 3 years from date of delivery. **Avoid repeated freeze-thaw cycles.**

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