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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Protein C (h4): 293T Lysate: sc-158891

BACKGROUND

Protein C is a vitamin K-dependent plasma protein that is produced in the liver and made up of two polypeptide chains. It is an important anti-coagulant activated by Thrombin bound to an endothelial surface receptor and it enzymatically cleaves activated forms of Factors V and VIII, thus inhibiting blood coagulation. Protein C is similar to the Prothrombin group of blood coagulation factors in its primary structure. Normal protein C concentration in human plasma is approximately 1-3 ng/ml and the proenzyme concentration is approximately 3 µg/ml. Protein C deficiency is associated with inherited thrombophilia, a rare genetic disorder that predisposes affected individuals to venous thrombosis and habitual abortion.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PROC (human) mapping to 2q14.3.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PRODUCT

Protein C (h4): 293T Lysate represents a lysate of human Protein C transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

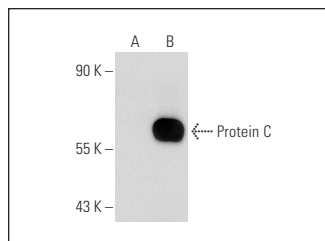
APPLICATIONS

Protein C (h4): 293T Lysate is suitable as a Western Blotting positive control for human reactive Protein C antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Protein C (GMA-093): sc-65959 is recommended as a positive control antibody for Western Blot analysis of enhanced human Protein C expression in Protein C transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

DATA



Protein C (GMA-093): sc-65959. Western blot analysis of Protein C expression in non-transfected: sc-117752 (A) and human Protein C transfected: sc-158891 (B) 293T whole cell lysates.

STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.