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Produktinformation

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- Diagnostik & molekulare Diagnostik
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- Mindermengenzuschlag
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SANTA CRUZ BIOTECHNOLOGY, INC.

Cbp (h2): 293T Lysate: sc-177033

SANTA CRUZ BIOTECHNOLOGY

The Power to Question

BACKGROUND

The Src family of protein tyrosine kinases (Src-PTKs) is important in the regulation of growth and differentiation of eukaryotic cells. The activity of Src-PTKs in cells of different types is negatively controlled by Csk. Csk binding protein (Cbp, also designated phosphoprotein associated with glycosphingo-lipid-enriched microdomains (GEMs) or PAG) is a transmembrane phosphoprotein that is ubiquitously expressed and binds specifically to the SH2 domain of Csk. Cbp is involved in the membrane localization of Csk and in the Csk-mediated inhibition of c-Src. In the plasma membrane Cbp is exclusively localized in the G_{M1} ganglioside-enriched detergent-insoluble membrane domain, which is important in receptor-mediated signalling. Cbp is a component of the regulatory mechanism controlling the activity of membrane-associated Src-PTKs.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: PAG1 (human) mapping to 8q21.13.

PRODUCT

Cbp (h2): 293T Lysate represents a lysate of human Cbp transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

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.

APPLICATIONS

Cbp (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive Cbp 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.

RESEARCH USE

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

PROTOCOLS

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