

HspBP1 (h2): 293T Lysate: sc-171661

BACKGROUND

HSP 70-interacting protein (HspBP1) belongs to a family of eukaryotic proteins identified as nucleotide exchange factors for HSP 70, which exhibit varying degrees of compartment and species specificity. HspBP1 interferes with the CHIP-induced degradation of immature forms of the cystic fibrosis transmembrane conductance regulator (CFTR) and stimulates CFTR maturation. HspBP1 binds to HSP 70, inhibits its activity and promotes dissociation of nucleotides from the HSP 70 ATPase domain. It is a protein mainly expressed in heart and skeletal muscle.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: HSPBP1 (human) mapping to 19q13.42.

PRODUCT

HspBP1 (h2): 293T Lysate represents a lysate of human HspBP1 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

HspBP1 (h2): 293T Lysate is suitable as a Western Blotting positive control for human reactive HspBP1 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.