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SerpinA3k (m): 293T Lysate: sc-123488

BACKGROUND

The serine proteinase inhibitors (serpins) compose a superfamily of proteins with a diverse set of functions, including the control of blood coagulation, complement activation, programmed cell death and development. Serpins are secreted glycoproteins that contain a stretch of peptide that mimics a true substrate for a corresponding serine protease. SerpinA3k (serine protease inhibitor A3K), also known as contrapsin, SPI-2 or Mcm2, is a 418 amino acid murine protein that inhibits trypsin-like proteases and belongs to the serpin family. Expressed in liver and secreted in plasma, SerpinA3k is encoded by a gene that maps to murine chromosome 12 E.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: Serpina3k (mouse) mapping to 12 E.

PRODUCT

SerpinA3k (m): 293T Lysate represents a lysate of mouse SerpinA3k transfected 293T cells and is provided as 100 μ g protein in 200 μ l 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.

RESEARCH USE

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

APPLICATIONS

SerpinA3k (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive SerpinA3k antibodies. Recommended use: 10-20 μ l per lane.

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

PROTOCOLS

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