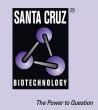
# Exportin 5 (m): 293T Lysate: sc-120145



#### **BACKGROUND**

The karyopherin-related nuclear transport factor Exportin 5, also known as Exp5, preferentially recognizes and transports RNAs containing minihelix motifs, structural *cis*-acting export elements that comprise a double-stranded stem (14 nucleotides) with a base-paired 5' end and a 3-8-nucleotide protruding 3' end. Exportin 5 also mediates protein transport between the nuclear and cytoplasmic compartment. Exportin 5 belongs to a large family of karyopherins and stimulates nuclear export of dsRNA binding proteins eEF1A and tRNA.

### **REFERENCES**

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## CHROMOSOMAL LOCATION

Genetic locus: Xpo5 (mouse) mapping to 17 C.

## **PRODUCT**

Exportin 5 (m): 293T Lysate represents a lysate of mouse Exportin 5 transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

# **APPLICATIONS**

Exportin 5 (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive Exportin 5 antibodies. Recommended use:  $10-20~\mu l$  per lane.

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

# **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.

#### **PROTOCOLS**

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

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