# EXOSC8 (h): 293T Lysate: sc-174027



The Power to Question

# **BACKGROUND**

The exosome is a multisubunit complex of 3' to 5' exoribonucleases. It is involved in a variety of cellular processes and is responsible for degrading unstable mRNAs that contain AU-rich elements in their untranslated 3' region. EXOSC8 (exosome component 8), also known as p9, CIP3 (CBP-interacting protein 3), EAP2, OIP2 (Opa-interacting protein 2), RRP43 (Ribosomal RNA-processing protein 43) or Rrp43p, is a component of the exosome multienzyme ribonuclease complex. It belongs to the RNase PH family and localizes to the nucleolus. EXOSC8 is one of the six RNase-PH domain subunits of the exosome. Together, these six subunits form a PNPase-like ring. EXOSC8 is required for the processing of the 7S pre-RNA. In addition to its numerous interactions with other proteins, EXOSC8 can also interact with itself.

# **REFERENCES**

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# CHROMOSOMAL LOCATION

Genetic locus: EXOSC8 (human) mapping to 13q13.3.

### **PRODUCT**

EXOSC8 (h): 293T Lysate represents a lysate of human EXOSC8 transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ 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.

# **PROTOCOLS**

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

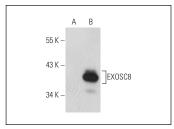
### **APPLICATIONS**

EXOSC8 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive EXOSC8 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.

EXOSC8 (2336C2b): sc-81561 is recommended as a positive control antibody for Western Blot analysis of enhanced human EXOSC8 expression in EXOSC8 transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

## **DATA**



EXOSC8 (2336C2b): sc-81561. Western blot analysis of EXOSC8 expression in non-transfected: sc-117752 (**A**) and human EXOSC8 transfected: sc-174027 (**B**) 293T whole cell I vsates

## **RESEARCH USE**

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

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