COPE (m): 293 Lysate: sc-111288



The Power to Question

BACKGROUND

Membrane and vesicular trafficking in the early secretory pathway are mediated by non-Clathrin COP (coat protein) I-coated vesicles. COPI-coated vesicles mediate retrograde transport from the Golgi back to the ER and intra-Golgi transport. The cytosolic precursor of the COPI coat, the heptameric coatomer complex, is composed of two subcomplexes. The first consists of the COPB, COPG, COPD and COPZ subunits (also known as β -, γ -, δ - and ζ -COP, respectively), which are distantly homologous to AP Clathrin adaptor subunits. The second consists of the COPA, β -COP and COPE subunits (also known as α -COP, COPP and ϵ -COP, respectively).

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CHROMOSOMAL LOCATION

Genetic locus: Cope (mouse) mapping to 8 B3.3.

PRODUCT

COPE (m): 293 Lysate represents a lysate of mouse COPE transfected 293 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

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

Control 293 Lysate: sc-110760 is available as a Western Blotting negative control lysate derived from non-tranfected 293 cells.

PROTOCOLS

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

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