UBE2F (h): 293 Lysate: sc-112735



The Power to Questio

BACKGROUND

Ubiquitination is an important mechanism through which three classes of enzymes act in concert to target short-lived or abnormal proteins for destruction. The three classes of enzymes involved in ubiquitination are the ubiquitinactivating enzymes (E1s), the ubiquitin-conjugating enzymes (E2s) and the ubiquitin-protein ligases (E3s). UBE2F (ubiquitin-conjugating enzyme E2F), also known as NCE2, is a 185 amino acid protein that belongs to the E2 family of ubiquitin conjugating enzymes. UBE2F functions to accept the ubiquitin-like protein NEDD8 from an E1 complex and to catalyze the ATP-dependent attachment of NEDD8 to other proteins, playing a role in the pathway of protein degradation. The gene encoding UBE2F maps to chromosome 2, which encodes over 1,400 genes and comprises nearly 8% of the human genome.

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CHROMOSOMAL LOCATION

Genetic locus: UBE2F (human) mapping to 2q37.3.

PRODUCT

UBE2F (h): 293 Lysate represents a lysate of human UBE2F transfected 293 cells and is provided as 100 μ g protein in 200 μ l SDS-PAGE buffer.

APPLICATIONS

UBE2F (h): 293 Lysate is suitable as a Western Blotting positive control for human reactive UBE2F 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-transfected 293 cells.

RESEARCH USE

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

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.

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