Lot # XXXXX

BostonBiochem

MATERIAL DATA SHEET

His_6-UbcH3 Dominant Negative, *human recombinant*
Cat. # E2-611

UbcH3 plays an essential role in the progression of cells from the G1 to S phase of the cell division cycle. One pathway (requiring Cdc34) initiates DNA replication by degrading a CDK (cyclin-dependent kinase) inhibitor. The second pathway, involves the anaphase-promoting complex (APC) initiates chromosome segregation and exit from mitosis by degrading anaphase inhibitors and mitotic cyclins. The active site of this enzyme has been chemically inactivated for use as a negative or competitive control.

Product Information

Quantity: 100 µg

Stock: X mg/ml (X µM) in 50 mM HEPES pH 8.0, 50 mM NaCl, 10% glycerol, 1 mM DTT. Actual concentration will vary with specific Lot #.

MW: 27 kDa

Purity: > 95% by SDS-PAGE

Use & Storage

Use: Typical enzyme concentration to support conjugation *in vitro* is 100 nM to 1 µM depending on conditions.

Storage: Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:

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