

Active Recombinant *Saccharomyces cerevisiae* UBC13, His-tagged

Cat. No. UBC13-116Y Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant *Saccharomyces cerevisiae* UBC13, fused with His tag, was purified from *Saccharomyces cerevisiae*.

Species *S.cerevisiae*

Source *S.Cerevisiae*

Form Liquid, 50mM HEPES, pH7.5, 150 mM NaCl, 10% glycerol

Bio-activity Typical enzyme concentration of 100nM-5mM is used for in vitro conjugation, depending on conditions

Molecular Mass 17kDa

Purity ≥ 95% by SDS-PAGE

Applications Identify cognate E2/E3 pairs
Characterize upregulation/downregulation of E2 enzymes
Build poly-ubiquitin chains
Characterize ubiquitin chain specificity of E2 enzymes
Analyze expression of E2 enzymes

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

GENE INFORMATION

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Gene Name	UBC13 E2 ubiquitin-conjugating protein UBC13 [<i>Saccharomyces cerevisiae</i> S288c]
Official Symbol	UBC13
Synonyms	E2 ubiquitin-conjugating protein UBC13
Gene ID	851666
mRNA Refseq	NM_001180400
Protein Refseq	NP_010377
UniProt ID	P52490
Chromosome Location	chromosome: IV
Pathway	Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem
Function	ATP binding; ligase activity; nucleotide binding

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