

Active Recombinant *Saccharomyces cerevisiae* UBC13, His-tagged

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

SPECIFICATION

Product Overview	Recombinant <i>Saccharomyces cerevisiae</i> UBC13, fused with His tag, was purified from <i>Saccharomyces cerevisiae</i> .
Species	<i>S.cerevisiae</i>
Source	<i>S.Cerevisiae</i>
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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