Active Recombinant Yeast RPL40A

Cat. No. RPL40A-585Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Yeast RPL40A (Accession # NP_012118) Met1 - Gly76, fused with , was produced in E. coli.
Species	Yeast
Source	E.coli
ProteinLength	Met1 - Gly76
Form	Lyophilized from a solution in deionized water.
Bio-activity	Recombinant Yeast Ubiquitin can be conjugated to substrate proteins via the subsequent actions of a Ubiquitin-activating (E1) enzyme, a Ubiquitin-conjugating (E2) enzyme, and a Ubiquitin ligase (E3). Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Yeast Ubiquitin concentration of 0.2-1 mM.
Molecular Mass	Recombinant Yeast RPL40A has a calculated MW of 8.6 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	RPL40A ubiquitin-ribosomal 60S subunit protein L40A fusion protein [Saccharomyces cerevisiae S288c]
Official Symbol	RPL40A
Synonyms	CEP52A; UB11; UBI1; ; ubiquitin-ribosomal 60S subunit protein L40A fusion protein
Gene ID	854658
mRNA Refseq	NM_001179496.1
Protein Refseq	NP_012118.1
MIM	
UniProt ID	P0CH08; P0CH09
Chromosome Location	chromosome: IX

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