

Active Recombinant Human UBE2A Protein, His-tagged

Cat. No. UBE2A-530H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2A (Accession # NP_003327), fused with an N-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μ M) in 50 mM HEPES pH 7.5, 200 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
Bio-activity	Recombinant Human His6-HR6A/UBE2A is a member of the Ubiquitin-conjugating (E2) enzyme family that receives Ubiquitin from a Ubiquitin-activating (E1) enzyme and subsequently interacts with a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-HR6A/UBE2A concentration of 0.1-1 μ M.
Molecular Mass	Recombinant Human UBE2A, His-tagged has a calculated MW of 19 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 (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 10 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name UBE2A ubiquitin-conjugating enzyme E2A [Homo sapiens]

Official Symbol UBE2A

Synonyms UBE2A; ubiquitin-conjugating enzyme E2A; ubiquitin conjugating enzyme E2A (RAD6 homolog); ubiquitin-conjugating enzyme E2 A; HHR6A; RAD6A; UBC2; HR6A; RAD6 homolog A; ubiquitin-protein ligase A; ubiquitin carrier protein A; ubiquitin-conjugating enzyme E2A (RAD6 homolog); MRXSN; MRXS30;

Gene ID 7319

mRNA Refseq NM_003336

Protein Refseq NP_003327

MIM 312180

UniProt ID P49459

Chromosome Location Xq24

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