

Recombinant Human UBE2A, His-tagged

Cat. No. UBE2A-53H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBE2A, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW = 19.4 kDa (172aa).
Species	Human
Source	E.coli
Description	Ubiquitin-conjugating enzyme E2 A isoform 1, also known as UBE2A is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Multiple alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA.
Purity	> 95% by SDS - PAGE.
Concentration	0.5mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN VYADGSICLD ILQNRWSPTY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWR DC.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

UBE2A ubiquitin-conjugating enzyme E2A (RAD6 homolog) [Homo sapiens]

Synonyms

ubiquitin-conjugating enzyme E2A (RAD6 homolog); UBC2; HHR6A; RAD6A; UBE2A; ubiquitin-conjugating enzyme E2 A; HR6A; RAD6 homolog A; ubiquitin-protein ligase A; ubiquitin carrier protein A; Ubiquitin-protein ligase A; Ubiquitin carrier protein A; EC 6.3.2.19; hHR6A

Gene ID

7319

mRNA Refseq

NM_003336

Protein Refseq

NP_003327

MIM

312180

UniProt ID

P49459

Chromosome Location

Xq24-q25

Pathway

Ubiquitin mediated proteolysis

Function

ATP binding; ligase activity; nucleotide binding; protein binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity

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