

## Recombinant Human UBE2A, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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).
<b>Species</b>	Human
<b>Source</b>	<i>E.coli</i>
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA.
<b>Purity</b>	> 95% by SDS - PAGE.
<b>Concentration</b>	0.5mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	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

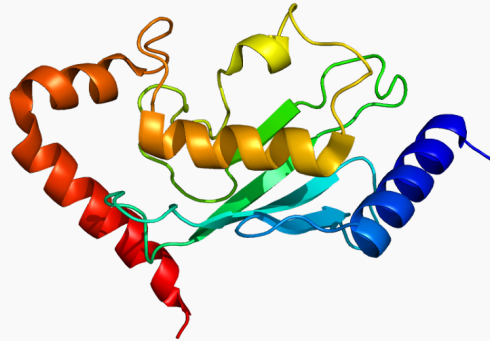
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