

AR09465PU-L**Human UBE2A / RAD6A (1-152, His-tag) - Purified****Alternate names:**

HR6A, Ubiquitin carrier protein A, Ubiquitin-conjugating enzyme E2 A, Ubiquitin-protein ligase A, hHR6A

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[P49459](#)**NCBI:**[NP_003327](#)**GeneID:**[7319](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS-PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% Glycerol, 1 mM EDTA**Description:**

Recombinant human UBE2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI
FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN VYADGSICLD ILQNRWSPTY
DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWR DC

Molecular weight: 19.4 kDa (172 aa), confirmed by MALDI-TOF**Storage:**

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

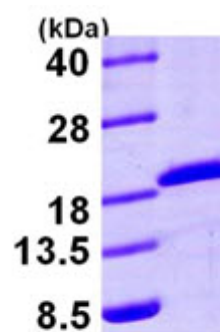
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Sarcevic B., et al. (2002) EMBO J. 21(8):2009-18.

Pictures:



15% SDS-PAGE (3ug)