

**UBE2A, 1-152aa, Human, His tag, E.coli**

**Cat.NO.: TP04375**

3th Edition

**Synonyms:**HHR6A, RAD6A, UBC2, Ubiquitin-conjugating enzyme E2 A isoform 1 BHR6A, hHR6A, HR6A, mHR6A, UBCD6, UBE2A, Ubiquitin carrier protein, Ubiquitin conjugating enzyme E2 17 kDa, Ubiquitin conjugating enzyme E2 21.5 kDa

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

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA

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

**Sequences:**

MGSSHHHHHSSGLVPRGSHMSTPARRRLMRDFKRLQEDPPAGVSGAPSENNIMVWNAVIFGPEGTPFEDGTFK  
LTIEFTTEYPNKPPTVRFVSKMFHPNVYADGSICLDILQNRWSPTYDVSSILTSIQSLLDEPNPNPANSQAAQLYQE  
NKREYEKRVSAIVEQSWRDC

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.