

Recombinant human Ubc2/UBE2A protein

Catalog Number: ATGP0555

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-152aa

UniProt No.

P49459

NCBI Accession No.

NP_003327

Alternative Names

Ubiquitin-conjugating enzyme E2 A, RAD6 homolog A, RAD6A, HR6A, hHR6A, Ubiquitin carrier protein A, Ubiquitin-protein ligase A, UBC2

PRODUCT SPECIFICATION

Molecular Weight

19.4 kDa (172aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 20% glycerol, 1mM EDTA

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

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

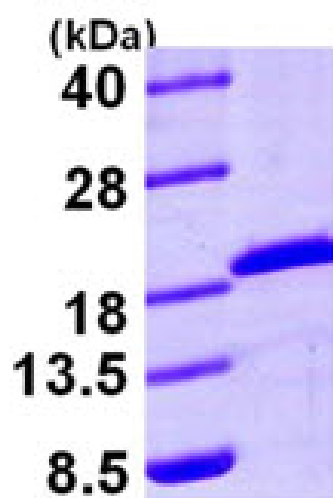
General References

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

Ciechanover A., et al. (1994) FASEB. 8:182-191.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)