

Active Recombinant Human UBE2A Protein, His-tagged

Cat. No. UBE2A-642H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2A fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	UBE2A or ubiquitin-conjugating enzyme E2A is a member of the E2 ubiquitin-conjugating enzyme family which is required for post-replicative DNA damage repair and plays an important role in various cellular processes. RAD18 and RAD5 play a central role in mediating physical contacts between the members of the RAD6 pathway. UBE2A is specifically important during chronic low dose ultraviolet exposure to prevent counterproductive DNA checkpoint activation and allow cells to proliferate normally. Loss of the RAD6 error-free PRR pathway results in DNA damage checkpoint-induced G2 arrest in CLUV-exposed cells.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
Bio-activity	30 nmol/min/mg
Molecular Mass	17 kDa
Purity	>95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

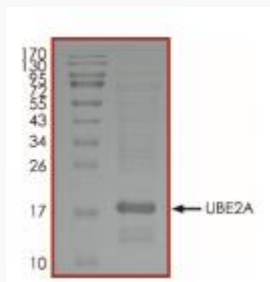
GENE INFORMATION

Gene Name	UBE2A ubiquitin-conjugating enzyme E2A [Homo sapiens]
Official Symbol	UBE2A
Synonyms	UBE2A; ubiquitin-conjugating enzyme E2A; ubiquitin conjugating enzyme E2A (RAD6 homolog); ubiquitin-conjugating enzyme E2 A; HHR6A; RAD6A; UBC2; HR6A; RAD6 homolog A; ubiquitin-protein ligase A; ubiquitin carrier protein A; ubiquitin-conjugating enzyme E2A (RAD6 homolog); MRXSN; MRXS30;
Gene ID	7319
mRNA Refseq	NM_003336
Protein Refseq	NP_003327
MIM	312180
UniProt ID	P49459

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA