

Product datasheet for **AR09465PU-N**

UBE2A / RAD6A (1-152, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2A / RAD6A (1-152, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSTPARRRLM RDFKRLQEDP PAGVSGAPSE NNIMVWNAVI FGPEGTPFED GTFKLTIEFT EEYPNKPPTV RFVSKMFHPN VYADGSICLD ILQNRWSPY DVSSILTSIQ SLLDEPNPNS PANSQAAQLY QENKREYEKR VSAIVEQSWR DC
Tag:	His-tag
Predicted MW:	19.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 20% Glycerol, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001269090</u>
Locus ID:	7319
UniProt ID:	<u>P49459</u>
Cytogenetics:	Xq24
Synonyms:	Ubiquitin-conjugating enzyme E2 A, Ubiquitin-protein ligase A, Ubiquitin carrier protein A, HR6A, hHR6A


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Summary:

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Protein Families:

Druggable Genome

Protein Pathways:

Ubiquitin mediated proteolysis

Product images:
