

Product datasheet for **AR09479PU-N**

UBE2B / RAD6B (1-152, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2B / RAD6B (1-152, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MRGSHHHHHH</u> GMASMTGGQQ MGRDLYDDDD KDRWGSMSSTP ARRLMRDFK RLQEDPPVGV SGAPSENNIM QWNAVIFGPE GTPFEDGTFK LVIEFSEEYP NKPPTVRFLS KMFHPNVYAD GSICLDILQN RWSPTYDVSS ILTSIQSLLD EPNPNSPANS QAAQLYQENK REYEKRVSAI VEQSWNDS
Tag:	His-tag
Predicted MW:	21.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2B protein, 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_003328</u>
Locus ID:	7320
UniProt ID:	<u>P63146</u>
Cytogenetics:	5q31.1
Synonyms:	E2-17kDa; HHR6B; HR6B; RAD6B; UBC2



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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, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair. Its protein sequence is 100% identical to the mouse, rat, and rabbit homologs, which indicates that this enzyme is highly conserved in eukaryotic evolution. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome

Protein Pathways:

Ubiquitin mediated proteolysis

Product images: