

## Product datasheet for **AR50514PU-N**

### UBE2E1 (1-193, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UBE2E1 (1-193, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMDDDSR ASTSSSSSS SNQTEKETN TPKKESKVS MSKNSKLLST SAKRIQKELA DITLDPPPNC SAGPKGDNIY EWRSTILGPP GSVYEGGVFF LDITFTPEYP FKPPKVTFRY RIYHCNINSQ GVICLDILKD NWSPALTISK VLLSICLLT DCNPADPLVG SIATQYMTNR AEHDRMARQW TKRYAT
Tag:	His-tag
Predicted MW:	23.8 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 0.15M NaCl, 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2E1 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001189405</a>
Locus ID:	7324
UniProt ID:	<a href="#">P51965</a>
Cytogenetics:	3p24.2
Synonyms:	Ubiquitin-conjugating enzyme E2 E1, Ubiquitin-protein ligase E1, Ubiquitin carrier protein E1, UBCH6



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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. Three alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jan 2011]

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**