

## Product datasheet for **AR50332PU-N**

### UBE2H (1-183, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UBE2H (1-183, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSSPSPG KRRMDDTDVVK LIESKHEVTI LGGLNEFVVK FYGPQGTPYE GGWVKVRVDL PDKYPFKSPS IGFMNKIFHP NIDEASGTVCLDVINQWTWALYDLTNIFES FLPQLLAYPN PIDPLNGDAA AMYLHRPEEY KQKIKEYIQK YATEEALKEQ EEGTGDSSSE SSMSDFSEDE AQDMEL
Tag:	His-tag
Predicted MW:	23.1 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, 10% glycerol, 1 mM DTT, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2H 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_001189427</a>
Locus ID:	7328
UniProt ID:	<a href="#">P62256</a> , <a href="#">A0A3B3IU20</a>
Cytogenetics:	7q32.2
Synonyms:	E2-20K; GID3; UBC8; UBCH; UBCH2



[View online »](#)

**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. The encoded protein sequence is 100% identical to the mouse homolog and 98% identical to the frog and zebrafish homologs. Three alternatively spliced transcript variants have been found for this gene and they encode distinct isoforms. [provided by RefSeq, Feb 2011]

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**