

## Product datasheet for **AR51197PU-S**

### UBE2R2 (1-238, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UBE2R2 (1-238, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAQQQMT SSQKALMLEL KSLQEPEVEG FRITLVDES LYNWEVAIFG PPNTLYEGGY FKAHIKFPID YPYSPTFRF LTKMWHPNYI ENGDVCISIL HPPVDDPQSG ELPSEWNPNT QNVRTILLSV ISLLNEPNTF SPANVDASVM FRKWRDSKGG DKEYAEIIRK QVSATKAEAE KDGVKVPTTL AEYCIKTKVP SNDNSSDLLY DDLYDDDDIDD EDEEEEDADC YDDDDSGNEE S
Tag:	His-tag
Predicted MW:	29.6 kDa
Concentration:	lot specific
Purity:	>85% 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, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2R2 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_060281</a>
Locus ID:	54926
UniProt ID:	<a href="#">Q712K3</a>
Cytogenetics:	9p13.3
Synonyms:	CDC34B; E2-CDC34B; UBC3B



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**Summary:**

Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. [provided by RefSeq, Jul 2008]

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**