

## Product datasheet for **AR51710PU-N**

### UBE2G1 (1-170, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	UBE2G1 (1-170, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMTLQSA LLLRRQLAEL NKNPVEGFSA GLIDDNDLYR WEVLIIGPPD TLYEGGVFKA HLTFPKDYPL RPPKMKFITE IWHPNVDKNG DVCISILHEP GEDKYGYEKP EERWLPIHTV ETIMISVISM LADPNGDSPA NVDAAKEWRE DRNGEFKRKV ARCVRKSQET AFE
Tag:	His-tag
Predicted MW:	21.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human UBE2G1 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_003333</a>
Locus ID:	7326
UniProt ID:	<a href="#">P62253</a>
Cytogenetics:	17p13.2
Synonyms:	E217K; UBC7; UBE2G



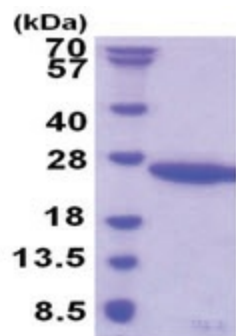
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**Summary:**

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 and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq, Jul 2008]

**Protein Pathways:**

Parkinson's disease, Ubiquitin mediated proteolysis

**Product images:**

15% SDS-PAGE (3ug)