

## **Product datasheet for AR51952PU-N**

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## **UBE2E3 (1-207, His-tag) Human Protein**

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** UBE2E3 (1-207, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSMSSDRQR SDDESPSTSS GSSDADQRDP AAPEPEEQEE

or AA Sequence: RKPSATQQKK NTKLSSKTTA KLSTSAKRIQ KELAEITLDP PPNCSAGPKG DNIYEWRSTI LGPPGSVYEG

GVFFLDITFS SDYPFKPPKV TFRTRIYHCN INSQGVICLD ILKDNWSPAL TISKVLLSIC SLLTDCNPAD

PLVGSIATQY LTNRAEHDRI ARQWTKRYAT

Tag: His-tag
Predicted MW: 25.3 kDa
Concentration: lot specific

Purity: >80% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

Buffer System: Liquid, In Phosphate buffered saline (pH 7.4) containing 20% glycerol, 1 mM

DTT

**Preparation:** Liquid purified protein

**Protein Description:** Recombinant human UBE2E3, 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:** <u>NP 001265483</u>

 Locus ID:
 10477

 UniProt ID:
 Q969T4

 Cytogenetics:
 2q31.3

Synonyms: UBCH9; UbcM2





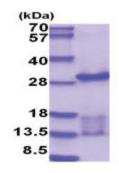
**Summary:** 

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 shares 100% sequence identity with the mouse and rat counterparts, which indicates that this enzyme is highly conserved in eukaryotes. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jun 2013]

**Protein Pathways:** 

Ubiquitin mediated proteolysis

## **Product images:**



15% SDS-PAGE (3ug)