

Product datasheet for **AR50514PU-S**

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

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | UBE2E1 (1-193, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSMDDDSR ASTSSSSSS SNQTEKETN TPKKESKVS MSKNSKLLST SAKRIQKELA DITLPPPPNC 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: | NP_001189405 |
| Locus ID: | 7324 |
| UniProt ID: | P51965 |
| 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: