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Product datasheet for AR51952PU-S

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

Product data:

Product Type:	Recombinant Proteins
Description:	UBE2E3 (1-207, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSSDRQR SDDESPSTSS GSSDADQRDP AAPEPEEQEE 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:	NP_001265483
Locus ID:	10477
UniProt ID:	Q969T4
Cytogenetics:	2q31.3
Synonyms:	UBCH9; UbcM2

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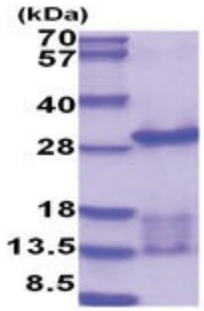
Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. 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)