

Active Recombinant Human UBE2E3 Protein, His-tagged

Cat. No. UBE2E3-647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2E3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	UBE2E3 also known as UBCH9 or ubiquitin-conjugating enzyme E2E 3 is a member of the E2 ubiquitin-conjugating enzyme family. UBE2E3 is highly expressed in skeletal muscle. UBE2E3 is essential for the proliferation of RPE-1 cells and is downregulated during RPE layer maturation in the developing mouse eye. These findings indicate that UBE2E3 is a major enzyme in modulating the balance between RPE cell proliferation and differentiation.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Bio-activity	17 nmol/min/mg
Molecular Mass	25 kDa
Purity	>95%
Applications	Ubiquitin Enzyme Assay, Western Blot

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Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml
GENE INFORMATION	
Gene Name	UBE2E3 ubiquitin-conjugating enzyme E2E 3 [Homo sapiens]
Official Symbol	UBE2E3
Synonyms	UBE2E3; ubiquitin-conjugating enzyme E2E 3; ubiquitin conjugating enzyme E2E 3 (homologous to yeast UBC4/5) , ubiquitin conjugating enzyme E2E 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 E3; Ubch9; ubiquitin-protein ligase E3; ubiquitin carrier protein E3; ubiquitin-conjugating enzyme E2-23 kDa; ubiquitin-conjugating enzyme E2E 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2E 3 (homologous to yeast UBC4/5); UBCH9; Ubcm2;
Gene ID	10477
mRNA Refseq	NM_006357
Protein Refseq	NP_006348
MIM	604151
UniProt ID	Q969T4

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