

## Recombinant Human UBE2L3

**Cat. No.** UBE2L3-31661TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Ube2L3 is a single, non-glycosylated polypeptide chain containing 154 amino acids. Molecular mass 18 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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 (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is demonstrated to participate in the ubiquitination of p53, c-Fos, and the NF-kB precursor p105 in vitro. Several alternatively spliced transcript variants have been found for this gene.
<b>Tissue specificity</b>	Ubiquitous, with highest expression in testis.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 50mM HEPES, 150mM Sodium chloride, 1mM DTT, pH 7.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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<b>Sequences of amino acids</b>	MAASRRLMKE LEEIRKCGMK NFRNIQVDEA NLLTWQGLIV PDNPPYDKGA FRIEINFPAE YPFKPPKITF KTKIYHPNID EKGQVCLPVI SAENWKPATK TDQVIQSLIA LVNDPQPEHP LRADLAE EYS KDRKKFCKNA EEFTKKYGEK RPVD
<b>Sequence Similarities</b>	Belongs to the ubiquitin-conjugating enzyme family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	UBE2L3 ubiquitin-conjugating enzyme E2L 3 [ Homo sapiens ]
<b>Official Symbol</b>	UBE2L3
<b>Synonyms</b>	UBE2L3; ubiquitin-conjugating enzyme E2L 3; ubiquitin-conjugating enzyme E2 L3; UBCH7;
<b>Gene ID</b>	7332
<b>mRNA Refseq</b>	NM_003347
<b>Protein Refseq</b>	NP_003338
<b>MIM</b>	603721
<b>Uniprot ID</b>	P68036
<b>Chromosome Location</b>	22q11.2
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling,

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organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; BARD1 signaling events, organism-specific biosystem;

**Function**

ATP binding; acid-amino acid ligase activity; enzyme binding; ligase activity; nucleotide binding;

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