

Recombinant Human UBE2L3

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

SPECIFICATION

Product Overview	Recombinant full length Human Ube2L3 is a single, non-glycosylated polypeptide chain containing 154 amino acids. Molecular mass 18 kDa.
Species	Human
Source	E.coli
Description	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.
Tissue specificity	Ubiquitous, with highest expression in testis.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM HEPES, 150mM Sodium chloride, 1mM DTT, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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