

## Recombinant Human UBE2L6, His-tagged

**Cat. No.** UBE2L6-31251TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length human Ube2L6 protein, fused to His tag at N terminus; 188 amino acids, 21.7kDa.
<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 highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Present in natural killer cells (at protein level).
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Glycerol, 20mM Tris, 1mM DTT, 0.1mM PMSF, pH 8.0

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASM RRVKELEDLQ KKPPPYLRNL SSDDANVLVW HALLLPDQPP YHLKAFNLRI SFPPEYPFKP PMIKFTTKIY HPNVDENGQI CLPIISSENW KPCTKTCQVL EALNVLVNRP NIREPLRMDL ADLLTQNPPEL FRKNAEEFTL RFGVDRPS
<b>Sequence Similarities</b>	Belongs to the ubiquitin-conjugating enzyme family.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	UBE2L6 ubiquitin-conjugating enzyme E2L 6 [ Homo sapiens ]
<b>Official Symbol</b>	UBE2L6
<b>Synonyms</b>	UBE2L6; ubiquitin-conjugating enzyme E2L 6; ubiquitin/ISG15-conjugating enzyme E2 L6; UBCH8;
<b>Gene ID</b>	9246
<b>mRNA Refseq</b>	NM_004223
<b>Protein Refseq</b>	NP_004214
<b>MIM</b>	603890
<b>Uniprot ID</b>	O14933

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<b>Chromosome Location</b>	11q12.1
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;
<b>Function</b>	ISG15 ligase activity; ligase activity; protein binding; ubiquitin-protein ligase activity;

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