Recombinant Human UBE2L6, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length human Ube2L6 protein, fused to His tag at N terminus; 188 amino acids, 21.7kDa.
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 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.
Conjugation	HIS
Tissue specificity	Present in natural killer cells (at protein level).
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 10% Glycerol, 20mM Tris, 1mM DTT, 0.1mM PMSF, pH 8.0

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

GENE INFORMATION

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

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

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