

Recombinant Full Length Human UBE2L3 protein, C-His-tagged

Cat. No. UBE2L3-2007H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human UBE2L3 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Asp154) of human UBE2L3 (Accession #NP_003338.1) fused with a 6xHis tag at the C-terminus.

Species Human

Source E.coli

ProteinLength Met1-Asp154

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.

Form Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Purity > 90% as determined by SDS-PAGE

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; ubiquitin-protein ligase L3; ubiquitin carrier protein L3; ubiquitin-conjugating enzyme E2-F1; ubiquitin-conjugating enzyme UBCH7; E2-F1; L-UBC; UbcM4;
Gene ID	7332
mRNA Refseq	NM_001256355
Protein Refseq	NP_001243284
MIM	603721
UniProt ID	P68036

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