

Recombinant Human UBE2D3 protein

Cat. No. UBE2D3-004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2D3 was expressed in E.coli.
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, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase
Form	Supplied as a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% glycerol, pH 7.4
Molecular Mass	16.6kD
AA Sequence	MALKRINKELSDLARDPPAQCSAGPVGDDMFHWQATIMGPNDSPYQGGVFFLTIHF PTDYPFKPPKVAFTTRIYHPNINSNGSICLDILRSQWSPALTISKVLLSICSLLCDPNPD DPLVPELARIYKTDRDKYNRISREWTQKYAM*
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).

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Purity >95% as determined by SDS-PAGE and Coomassie blue staining

GENE INFORMATION

Gene Name UBE2D3 ubiquitin conjugating enzyme E2 D3 [Homo sapiens (human)]

Official Symbol UBE2D3

Synonyms UBC4/5; UBCH5C; E2(17)KB3; UBE2D3;

Gene ID 7323

mRNA Refseq NM_003340

Protein Refseq NP_003331

MIM 602963

UniProt ID P61077

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