

Recombinant Human UBE2D2, His-tagged

Cat. No. UBE2D2-37H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2D2 produced in <i>E. coli</i> was fused to a his tag.
Species	Human
Source	<i>E. coli</i>
Description	UbcH5b is highly homologous to the <i>S. cerevisiae</i> UbC4/5 family of E2 enzymes, demonstrated to be essential for degradation of regulatory and abnormal proteins. UbcH5b, together with UbcH5a and UbcH5c, are the most active class of E2 enzymes in cell extracts and are associated with regulation of a number of transcription factors including p53.
Purity	95% (SDS-PAGE).
Application	Useful for in vitro ubiquitinylation reactions. The His-tagged version of this enzyme is not susceptible to self-ubiquitinylation, which can occur with GST-tagged versions.
Storage	-80°C.

GENE INFORMATION

Gene Name	UBE2D2 ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast) [<i>Homo sapiens</i>]
Synonyms	UBE2D2; ubiquitin-conjugating enzyme E2D 2 (UBC4/5 homolog, yeast); UBC4; PUBC1; UBC4/5; UBCH5B; E2(17)KB2; ubiquitin-conjugating enzyme E2 D2;

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ubiquitin-protein ligase D2; ubiquitin carrier protein D2; ubiquitin-conjugating enzyme E2(17)KB 2; ubiquitin-conjugating enzyme E2-17 kDa 2; ubiquitin-conjugating enzyme E2D 2 (homologous to yeast UBC4/5); EC 6.3.2.19; ubiquitin carrier protein

Gene ID [7322](#)

mRNA Refseq [NM_003339](#)

Protein Refseq [NP_003330](#)

MIM [602962](#)

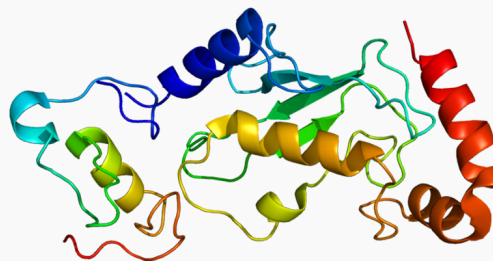
UniProt ID [P62837](#)

Chromosome Location 5q31.2

Pathway Ubiquitin mediated proteolysis

Function ATP binding; ligase activity; nucleotide binding; protein binding; ubiquitin-protein ligase activity

PDB rendering based on 1ur6.



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