

## Product datasheet for **TP721151**

### UBE2D3 (NM\_003340) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2D 3 (UBE2D3), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Met147
Tag:	Tag Free
Predicted MW:	16.6 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_003331</a>
Locus ID:	7323
UniProt ID:	<a href="#">P61077</a> , <a href="#">A0A024RDH2</a>
RefSeq Size:	3976
Cytogenetics:	4q24
RefSeq ORF:	441
Synonyms:	E2(17)KB3; UBC4/5; UBCH5C



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**Summary:**

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. [provided by RefSeq, Jan 2017]

**Protein Pathways:**

Ubiquitin mediated proteolysis