# Data Sheet (Cat.No.TMPJ-00571)

TargetMol

## UBE2D3 Protein, Human, Recombinant

### General Information

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|---|---|
| Synonyms: | Ubiquitin-protein ligase D3;Ubiquitin-conjugating enzyme E2(17)KB 3;Ubiquitin carrier protein D3;Ubiquitin-conjugating enzyme E2-17 kDa 3;Ubiquitin-conjugating enzyme E2 D3; UBE2D3 and UBCH5C |
| Protein Construction: | Met1-Met147 |
| Species: | Human |
| Expression Host: | E. coli |
| Accession: | AAH66917 |
| Molecular Weight: | 15 KDa (reducing condition) |
| AA Sequence: | Met1-Met147 |

### QC Testing

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|---|---|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | Greater than 95% as determined by reducing SDS-PAGE. (QC verified) |
| Endotoxin: | < 0.1 ng/μg (1 EU/μg) as determined by LAL test. |
| Formulation: | Supplied as a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 50% Glycerol, 8% Sucrose, 0.05% Tween 80, pH 7.1. |

### Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

### Protein Background

UBE2D3 is an enzyme that belongs to the ubiquitin-conjugating enzyme family. 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 enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase.



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