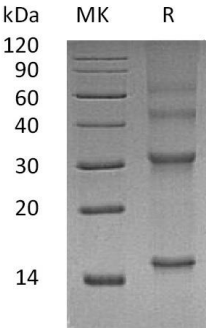


## Recombinant Human UBE2D3

Catalog#:P00347 Derived from *E.coli*

<b>DESCRIPTION</b>	<p>Recombinant Human Ubiquitin-conjugating Enzyme E2 D3 is produced by our <i>E.coli</i> expression system and the target gene encoding Met1-Met147 is expressed.</p> <p><b>Accession#:</b> AAH66917</p> <p><b>Known as:</b> Ubiquitin-conjugating enzyme E2 D3; Ubiquitin carrier protein D3; Ubiquitin-conjugating enzyme E2(17)KB 3; Ubiquitin-conjugating enzyme E2-17kDa 3; Ubiquitin-protein ligase D3; UBE2D3 and UBCH5C</p>
<b>FORMULATION</b>	<p>Supplied as a 0.2µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 50% Glycerol, 8% Sucrose, 0.05% Tween 80, pH 7.1.</p>
<b>SHIPPING</b>	<p>The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.</p>
<b>STORAGE</b>	<p>Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.</p>
<b>QUALITY CONTROL</b>	<p><b>Mol Mass:</b>16.6kDa <b>AP Mol Mass:</b>15kDa, reducing conditions. <b>Purity:</b> Greater than 95% as determined by reducing SDS-PAGE. <b>Endotoxin:</b> Less than 0.1ng/µg (1 EU/µg) as determined by LAL test.</p>
<b>BACKGROUND</b>	<p>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.</p>
<b>SDS-PAGE</b>	 <p>SDS-PAGE analysis showing two lanes, MK and R. Molecular weight markers (kDa) are indicated on the left: 120, 90, 60, 40, 30, 20, 14. Lane MK shows a prominent band at approximately 16.6 kDa. Lane R shows a prominent band at approximately 15 kDa.</p>