

Lot # XXXXX

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## MATERIAL DATA SHEET

**His<sub>6</sub>-UBE2G1 (E2-17K), human recombinant**

**Cat. # E2-700**

UBE2G1 (E2-17K) is a homologue of the yeast Ubc7 protein. This E2 forms polyubiquitin chains *in vitro*, and may serve as an E2 for the CRL4<sup>Cdt2</sup> ligase complex. This protein contains an N-terminal 6-His tag.

### Product Information

<b>Quantity:</b>	50 µg   100µg
<b>Stock:</b>	X mg/ml (X µM) in 50 mM HEPES pH 8.0, 150 mM NaCl, 2 mM DTT.
<b>MW:</b>	20.3 kD
<b>Purity:</b>	> 95% by SDS-PAGE

### Use & Storage

<b>Use:</b>	Typical enzyme concentration to support conjugation <i>in vitro</i> is 100 nM-1 µM depending on conditions.
<b>Storage:</b>	Store at -80°C. Avoid multiple freeze/thaw cycles.

### Literature

<b>References:</b>	David Y., <i>et al.</i> (2010) <u>J Biol Chem.</u> <b>285</b> : 8595-8604 Shibata E., <i>et al.</i> (2011) <u>Mol Cell Biol.</u> <b>31</b> :3136-3145
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