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## MATERIAL DATA SHEET

**His<sub>6</sub>-UBE2R2 (CDC34B), human recombinant**

**Cat. # E2-715**

UBE2R2 (CDC34B) is highly homologous to both UBE2R1, and the yeast CDC34 protein. UBE2R2 is phosphorylated by Casein Kinase 2 *in vivo* and *in vitro*, and may play a role in  $\beta$ -catenin stability. This E2 has been reported to form K48-isopeptide linkages *in vitro*. This protein contains an N-terminal 6-His tag.

### Product Information

<b>Quantity:</b>	50 $\mu$ g   100 $\mu$ g
<b>Stock:</b>	X mg/ml (X $\mu$ M) in 50 mM HEPES pH 7.5, 200 mM NaCl, 2 mM DTT
<b>MW:</b>	28.0 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 $\mu$ M 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) <i>J Biol Chem.</i> <b>285</b> : 8595-8604 Semplici F., <i>et al.</i> (2002) <i>Oncogene.</i> <b>21</b> :3978-3987
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