

## Recombinant Mouse Ube2c Protein, Myc/DDK-tagged

Cat. No. Ube2c-6781M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length ubiquitin-conjugating enzyme E2C (Ube2c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'- and 'Lys-48'-linked polyubiquitination. Acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated ubiquitin ligase that controls progression through mitosis. Acts by initiating 'Lys-11'-linked polyubiquitin chains on APC/C substrates, leading to the degradation of APC/C substrates by the proteasome and promoting mitotic exit.
<b>Molecular Mass</b>	19.6 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Ube2c ubiquitin-conjugating enzyme E2C [ *Mus musculus* (house mouse) ]

**Official Symbol** Ube2c

**Synonyms** UBE2C; ubiquitin-conjugating enzyme E2C; ubiquitin-conjugating enzyme E2 C; ubcH10; ubiquitin-protein ligase C; ubiquitin carrier protein C; D2Ertd695e; 1110015A16Rik

**Gene ID** 68612

**mRNA Refseq** NM\_026785

**Protein Refseq** NP\_081061

**UniProt ID** Q9D1C1

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