

Recombinant Mouse Ube2g2 Protein, Myc/DDK-tagged

Cat. No. Ube2g2-6788M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin-conjugating enzyme E2G 2 (Ube2g2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-48'-linked polyubiquitination. Involved in endoplasmic reticulum-associated degradation (ERAD). Required for sterol-induced ubiquitination of 3-hydroxy-3-methylglutaryl coenzyme A reductase and its subsequent proteasomal degradation.
Molecular Mass	18.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Ube2g2 ubiquitin-conjugating enzyme E2G 2 [Mus musculus (house mouse)]
Official Symbol	Ube2g2
Synonyms	UBE2G2; ubiquitin-conjugating enzyme E2G 2; ubiquitin-conjugating enzyme E2 G2; ubiquitin-protein ligase G2; ubiquitin carrier protein G2; ubiquitin-conjugating enzyme 7 homolog; UBC7; Ubc7p; D10Xrf369; 1110003O05Rik
Gene ID	22213
mRNA Refseq	NM_019803
Protein Refseq	NP_062777
UniProt ID	P60605

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