

Recombinant Mouse Ube2g1 Protein, Myc/DDK-tagged

Cat. No. Ube2g1-6787M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, C, 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', as well as 'Lys-63'-linked polyubiquitination. May be involved in degradation of muscle-specific proteins. Mediates polyubiquitination of CYP3A4.
Molecular Mass	19.5 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	Ube2g1 ubiquitin-conjugating enzyme E2G 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ube2g1
Synonyms	Ube2g1; ubiquitin-conjugating enzyme E2G 1; AI256795; AU014992; AW552068; 2700059C12Rik; D130023C12Rik; ubiquitin-conjugating enzyme E2 G1; E2 ubiquitin-conjugating enzyme G1; E217K; UBC7; ubiquitin carrier protein G1; ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, <i>C. elegans</i>); ubiquitin-protein ligase G1; EC 2.3.2.23
Gene ID	67128
mRNA Refseq	NM_025985
Protein Refseq	NP_080261
UniProt ID	P62254

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