

Recombinant Mouse Ube2I3 Protein, Myc/DDK-tagged

Cat. No. Ube2I3-6792M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin-conjugating enzyme E2L 3 (Ube2I3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitin-conjugating enzyme E2 that specifically acts with HECT-type and RBR family E3 ubiquitin-protein ligases. Does not function with most RING-containing E3 ubiquitin-protein ligases because it lacks intrinsic E3-independent reactivity with lysine: in contrast, it has activity with the RBR family E3 enzymes, such as PRKN and ARIH1, that function like function like RING-HECT hybrids. Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes 'Lys-11'-linked polyubiquitination. Involved in the selective degradation of short-lived and abnormal proteins. Down-regulated during the S-phase it is involved in progression through the cell cycle. Regulates nuclear hormone receptors transcriptional activity. May play a role in myelopoiesis.
Molecular Mass	18.3 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.

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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.

GENE INFORMATION

Gene Name	Ube2l3 ubiquitin-conjugating enzyme E2L 3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Ube2l3
Synonyms	UBE2L3; ubiquitin-conjugating enzyme E2L 3; ubiquitin-conjugating enzyme E2 L3; ubiquitin-protein ligase L3; ubiquitin carrier protein L3; ubiquitin-conjugating enzyme 7; UbcM4; Ubce7; C79827; MGC118100
Gene ID	22195
mRNA Refseq	NM_009456
Protein Refseq	NP_033482
UniProt ID	P68037

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