

Recombinant Mouse Ube3c Protein, MYC/DDK-tagged

Cat. No. Ube3c-167M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ubiquitin protein ligase E3C (Ube3c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that accepts ubiquitin from the E2 ubiquitin-conjugating enzyme UBE2D1 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Can assemble unanchored poly-ubiquitin chains in either 'Lys-29'- or 'Lys-48'-linked polyubiquitin chains. Has preference for 'Lys-48' linkages. It can target itself for ubiquitination in vitro and may promote its own degradation in vivo.
Molecular Mass	124 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 ug/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	Ube3c ubiquitin protein ligase E3C [Mus musculus (house mouse)]
Official Symbol	Ube3c
Synonyms	Ube3c; ubiquitin protein ligase E3C; AI853514; mKIAA0010; ubiquitin-protein ligase E3C; HECT-type ubiquitin transferase E3C; EC 2.3.2.26
Gene ID	100763
mRNA Refseq	NM_133907
Protein Refseq	NP_598668
UniProt ID	Q80U95

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