

Recombinant Mouse Uchl5 Protein, Myc/DDK-tagged

Cat. No. Uchl5-6821M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin carboxyl-terminal esterase L5 (Uchl5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1.
Molecular Mass	37.5 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	Uchl5 ubiquitin carboxyl-terminal esterase L5 [Mus musculus (house mouse)]
Official Symbol	Uchl5
Synonyms	UCHL5; ubiquitin carboxyl-terminal esterase L5; ubiquitin carboxyl-terminal hydrolase isozyme L5; UCH-L5; ubiquitin thioesterase L5; ubiquitin C-terminal hydrolase 37; ubiquitin C-terminal hydrolase UCH37; Uch37; 5830413B11Rik
Gene ID	56207
mRNA Refseq	NM_001159866
Protein Refseq	NP_001153338
UniProt ID	Q9WUP7

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