Recombinant Mouse Uchl1 Protein, Myc/DDK-tagged

Cat. No. Uchl1-6819M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin carboxy-terminal hydrolase L1 (Uchl1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins (Probable). This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity.
Molecular Mass	25.3 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.
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	Uchl1 ubiquitin carboxy-terminal hydrolase L1 [Mus musculus (house mouse)]
Official Symbol	Uchl1
Synonyms	UCHL1; ubiquitin carboxy-terminal hydrolase L1; ubiquitin carboxyl-terminal hydrolase isozyme L1; UCH-L1; PGP 9.5; gracile axonal dystrophy; protein gene product 9.5; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; gad; C88048; PGP9.5; R75593; AW822034
Gene ID	22223
mRNA Refseq	NM_011670
Protein Refseq	NP_035800
UniProt ID	Q9R0P9

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