Recombinant Human UCHL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UCHL1-6106H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UCHL1 MS Standard C13 and N15-labeled recombinant protein (NP_004172) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.
Molecular Mass	24.8 kDa
AA Sequence	MQLKPMEINPEMLNKVLSRLGVAGQWRFVDVLGLEEESLGSVPAPACALLLLFPLTA QHENFRKKQIEELKGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVL KQFLSETEKMSPEDRAKCFEKNEAIQAAHDAVAQEGQCRVDDKVNFHFILFNNVDG HLYELDGRMPFPVNHGASSEDTLLKDAAKVCREFTEREQGEVRFSAVALCKAATRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

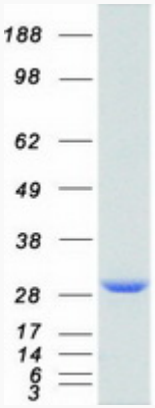
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	UCHL1 ubiquitin C-terminal hydrolase L1 [Homo sapiens (human)]
Official Symbol	UCHL1
Synonyms	UCHL1; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); PARK5; ubiquitin carboxyl-terminal hydrolase isozyme L1; PGP9.5; Uch L1; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase; PGP95; Uch-L1; PGP 9.5;
Gene ID	7345
mRNA Refseq	NM_004181
Protein Refseq	NP_004172
MIM	191342
UniProt ID	P09936

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SDS-PAGE	

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