

## Recombinant Human UCHL1, His-tagged

Cat. No. UCHL1-3570H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UCHL1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-223aa
<b>Source</b>	E.coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [ Homo sapiens ]
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<b>Official Symbol</b>	UCHL1
<b>Synonyms</b>	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;
<b>Gene ID</b>	7345
<b>mRNA Refseq</b>	NM_004181
<b>Protein Refseq</b>	NP_004172
<b>MIM</b>	191342
<b>UniProt ID</b>	P09936
<b>Chromosome Location</b>	4p13
<b>Pathway</b>	Alpha-synuclein signaling, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;
<b>Function</b>	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity; peptidase activity; protein binding; ubiquitin binding; ubiquitin thiolesterase activity;

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