

## Recombinant Human UCHL1 Protein (Q2-A223), His tagged

Cat. No. UCHL1-1339S    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human 6His-TEV-GG-UCHL1(Q2-A223 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Q2-A223
<b>Description</b>	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.
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Supplied as sterile 20mM HEPES (pH 7.5), 150mM NaCl, 5% glycerol, 1 mM DTT.

**Shipping** It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name** UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [ 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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