

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

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

SPECIFICATION

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