

## Recombinant Human UCHL1 Protein (Q2-A223), Tag Free

Cat. No. UCHL1-1340S    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                      |
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| Product Overview | Recombinant Human 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 protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                  |

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|-----------------------|-----------------------------------------------------------------------|
| <b>Storage Buffer</b> | Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol |
|-----------------------|-----------------------------------------------------------------------|

|                 |                                  |
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| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

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| <b>Gene Name</b> | UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [ Homo sapiens (human) ] |
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| <b>Official Symbol</b> | UCHL1 |
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| <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; |
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| <b>Gene ID</b> | 7345 |
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| <b>mRNA Refseq</b> | NM_004181 |
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| <b>Protein Refseq</b> | NP_004172 |
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| <b>MIM</b> | 191342 |
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| <b>UniProt ID</b> | P09936 |
|-------------------|--------|

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