

## Active Recombinant Human UCHL3 protein, His-tagged

Cat. No. UCHL3-3090H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human UCHL3 protein(NP_005993.1) (Glu 2-Ala 230) was expressed in E.coli, with a polyhistide tag at the N-terminus.                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 2-230 aa                                                                                                                                                                                    |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 500mM NaCl, 20% glycerol, 1mM DTT, pH 8.0.                                                                                                              |
| <b>Bio-activity</b>     | Measured by the hydrolysis of UbiquitinAMC. The specific activity is >14,000 pmoles/min/μg.                                                                                                 |
| <b>Molecular Mass</b>   | The recombinant human UCHL3 consisting of 236 amino acids and has a calculated molecular mass of 27 kDa. It migrates as an approximately 26 kDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                            |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                    |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

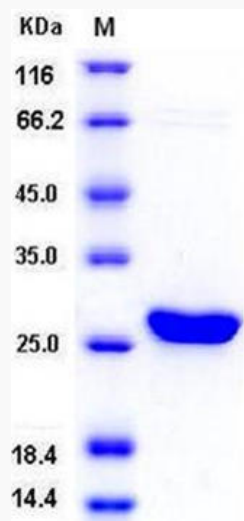
|                        |                                                                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | UCHL3 ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) [ Homo sapiens ]                                                                                                |
| <b>Official Symbol</b> | UCHL3                                                                                                                                                                                   |
| <b>Synonyms</b>        | UCHL3; ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase); ubiquitin carboxyl-terminal hydrolase isozyme L3; ubiquitin thiolesterase; ubiquitin thioesterase L3; UCH-L3; |
| <b>Gene ID</b>         | 7347                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_006002                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_005993                                                                                                                                                                               |
| <b>MIM</b>             | 603090                                                                                                                                                                                  |
| <b>UniProt ID</b>      | P15374                                                                                                                                                                                  |

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SDS-PAGE



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