

**Human UCHL1 (a.a.1-223)**

|               |                                                                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Swiss-Prot #  | P09936                                                                                                                                                                |
| Protein names | Ubiquitin carboxyl-terminal hydrolase isozyme L1 (UCH-L1) (EC 3.4.19.12) (EC 6.-.-.-) (Ubiquitin thioesterase L1) (Neuron cytoplasmic protein 9.5) (PGP 9.5) (PGP9.5) |
| Gene names    | UCHL1                                                                                                                                                                 |
| Organism      | Human                                                                                                                                                                 |

**Codon optimized cDNA Clone**

|             |                                                                                                                                                                                                                                                                                         |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| cDNA Cat#   | RPE-0056                                                                                                                                                                                                                                                                                |
| Description | Applications:1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function. |

Tag A 6x histidine tag

Formulation Liquid

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

**Recombinant Protein**

|              |                                                        |
|--------------|--------------------------------------------------------|
| Protein Cat# | PE-0056                                                |
| Source       | Recombinant protein derived from E.coli. Or plant cell |
| Tag          | A 6x histidine tag                                     |

Formulation Liquid

Purity > 90%, as determined by SDS-PAGE under reducing conditions

Activity N/A

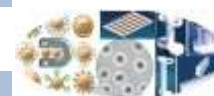
Applications Western Blot, ELISA or may be used for other applications determined by user

Storage -20° to -70° C. Avoid repeated freeze-thaw cycles.

Sequence  
MQLKPMELNPEMLNKVLSRLGVAGQWRFDVVLGLEEESLGSVLPAPACALLLFPPLTAQHE  
NFRKKQIEELKGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSE  
TEKMSPEDRAKCFEKNEAIQAADAVAEQEGQCRVDDKVNFFHILFNNVDGHLIELDGRMP  
FPVNHGASSEDTLKDAAKVCREFTEREQGEVRFSAVALCKAA

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Molecules C<sub>4</sub>, C<sub>8</sub>,  
C<sub>18</sub>, Endotoxin-  
removal, Biotin, Protein  
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Streptavidin,  
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Recombinant-UCHL1-protein-cDNA-Human-UCH-L1-PGP-9.5-PGP9.5-UCHL1

recombinant protein, codon optimized, cDNA, P09936, Human, UCHL1, Ubiquitin, carboxyl-terminal, hydrolase, isozyme, L1, UCH-L1, 2, Ubiquitin, thioesterase, L1, Neuron, cytoplasmic, protein, 9.5, PGP, 9.5, PGP9.5,

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