

Recombinant Human Ubiquitin thioesterase L1/UCHL1 protein

Catalog No.: RP03231LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7345	P09936

Tags

C-His

Synonyms

Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L1; UCH-L1; Neuron Cytoplasmic Protein 9.5; PGP 9.5; PGP9.5; Ubiquitin Thioesterase L1; UCHL1

Product Information

Source	Purification
<i>E. coli</i>	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 20mM Tris-HCl, 250mM NaCl, 1mM DTT, 10% Glycerol, pH 7.5. Contact us for customized product form or formulation.

Reconstitution

Background

Deubiquitinating enzymes (DUBs) are proteases that possess the ability to cleave ubiquitin chains or the isopeptide bond that conjugates ubiquitin with a substrate. Human cells have approximately 100 DUBs that play important roles in regulating various cellular events. UCHL1 is one of the four members of the ubiquitin C-terminal hydrolase (UCH) family. It is thought to be mainly involved in cleaving polyubiquitin proteins into monomeric ubiquitin.

Basic Information

Description

Recombinant Human Ubiquitin thioesterase L1/UCHL1 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Met1-Ala223) of Human Ubiquitin thioesterase L1/UCHL1 (Accession #NP_004172.2) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

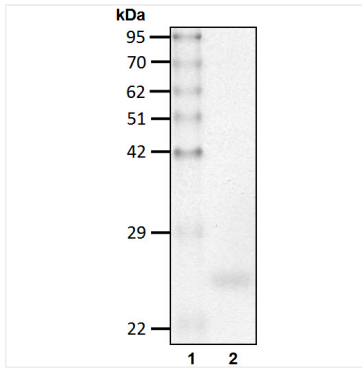
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Validation Data



Recombinant Human Ubiquitin thioesterase L1/UCHL1 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 26 kDa.