

# Human UCHL1 (His Tag) recombinant protein



Catalog Number: 501416

## General Information

### Gene Name Synonym

Neuron cytoplasmic protein 9.5; PGP 9.5;  
Ubiquitin thioesterase L1

### Protein Construction

A DNA sequence encoding the native human UCHL1 (NP\_004172.2) (Gln 2-Ala 223) was expressed, with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Activity

Measured by the hydrolysis of UbiquitinAMC. The specific activity is >140 pmoles/min/μg.

### Purity

> 92 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

## Molecular Mass

The recombinant human UCHL1 consisting of 229 amino acids and migrates as an 25.6 kDa band in SDS-PAGE under reducing conditions as predicted.

## Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 20% glycerol, 1mM DTT, pH 8.0

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

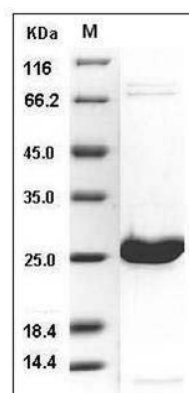
### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human UCHL1 / PGP9.5 Protein (His Tag) SDS-PAGE