

# Rat UCHL3 (His Tag) recombinant protein



Catalog Number: 501200

## General Information

### Gene Name Synonym

Ubiquitin thioesterase L3

### Protein Construction

A DNA sequence encoding the rat UCHL3 (Q91Y78) (Glu 2-Ala 230) was fused with a polyhistidine tag at the N-terminus.

### Organism

Rat

### Expression Host

E. coli

## QC Testing

### Activity

Measured by the hydrolysis of UbiquitinAMC. The specific activity is >14000 pmoles/min/μg.

### Purity

> 95 % 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 rat UCHL3 comprises 240 amino acids and predicts a molecular mass of 27.5 kDa. The apparent molecular mass of the rat UCHL3 is approximately 28 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

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

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

## Usage Guide

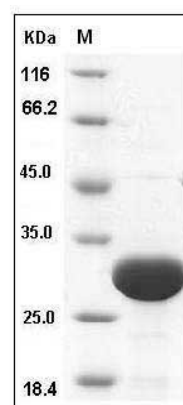
### Storage

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



Rat UCHL3 Protein (His Tag) SDS-PAGE