

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

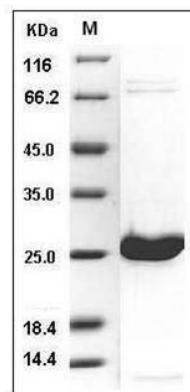
Storage

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