

Human USP5 (His Tag) recombinant protein



Catalog Number: 501046

General Information

Gene Name Synonym

Deubiquitinating enzyme 5; Isopeptidase T; Ubiquitin thioesterase 5; Ubiquitin-specific-processing protease 5

Protein Construction

A DNA sequence encoding the human USP5 isoform short (P45974-2) (Met 1-Ser 835) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

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

Predicted N terminal

Met 1

Molecular Mass

The recombinant human USP5 consists of 846 amino acids and predicts a molecular mass of 94.7 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 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

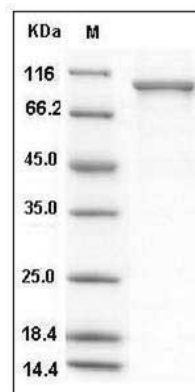
Storage

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



Human USP5 / ISOT Protein (His Tag) SDS-PAGE