

Human USP7/HAUSP (His & GST Tag) recombinant protein



Catalog Number: 500887

General Information

Protein Construction

A DNA sequence encoding full length of human USP7 (NP_003461.2) (Met 1-Asn 1102) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured by its binding ability in a functional ELISA. Immobilized human P53 at 2 µg/ml (100 µl/well) can bind human USP7 with a linear ranger of 6.4-160 ng/ml.

Purity

> 90 % 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

Molecular Mass

The recombinant human USP7/GST chimera consists of 1339 amino acids and has a calculated molecular mass of 156 kDa. It migrates as an approximately 140 band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris 100mM NaCl, 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

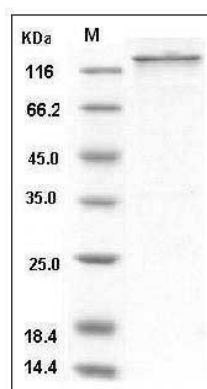
Storage

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



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