

Recombinant Full Length Human USP7 protein, His&GST-tagged

Cat. No. USP7-925H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human USP7 protein(NP_003461.2)(Met 1-Asn 1102) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-1102 aa
Form	Lyophilized from sterile 50mM Tris 100mM NaCl, pH 8.0.
Bio-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.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [USP7 ubiquitin specific peptidase 7 \(herpes virus-associated\) \[Homo sapiens \]](#)

Official Symbol [USP7](#)

Synonyms

USP7; ubiquitin specific peptidase 7 (herpes virus-associated); HAUSP, ubiquitin specific protease 7 (herpes virus associated); ubiquitin carboxyl-terminal hydrolase 7; ubiquitin thioesterase 7; deubiquitinating enzyme 7; ubiquitin-specific-processing protease 7; herpesvirus-associated ubiquitin-specific protease; Herpes virus-associated ubiquitin-specific protease; ubiquitin specific protease 7 (herpes virus-associated); TEF1; HAUSP;

Gene ID [7874](#)

mRNA Refseq [NM_003470](#)

Protein Refseq [NP_003461](#)

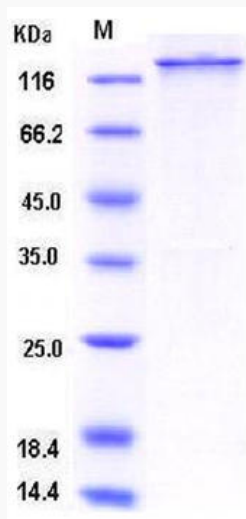
MIM [602519](#)

UniProt ID [Q93009](#)

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SDS-PAGE

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