

## Recombinant Human USP7 protein, GST-tagged

**Cat. No.** USP7-319H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human USP7 (560-end) was expressed in E.coli cells using an N-terminal GST tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	560-end a.a.
<b>Description</b>	USP7 (also called HAUSP) deubiquitinates target proteins such as FOXO4, p53/TP53, MDM2, ERCC6, DNMT1, UHRF1, PTEN and DAXX. Together with DAXX, prevents MDM2 self-ubiquitination and enhances the E3 ligase activity of MDM2 towards p53/TP53, thereby promoting p53/TP53 ubiquitination and proteasomal degradation.
<b>Form</b>	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
<b>Molecular Mass</b>	94 kDa
<b>Purity</b>	The purity of USP7 was determined to be >70% by densitometry.
<b>Applications</b>	Kinase Assay; WB; Enzyme Function Tests; Enzyme Assay
<b>Stability</b>	1 year at -70 centigrade

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**Storage** Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Concentration** 0.05 µg/µL

## GENE INFORMATION

**Gene Name** ubiquitin specific peptidase 7 [ Homo sapiens (human) ]

**Official Symbol** USP7

**Synonyms** TEF1; HAUSP; USP7

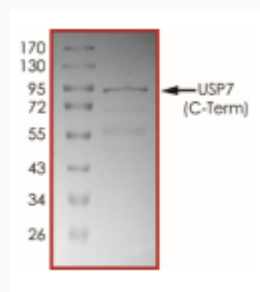
**Gene ID** 7874

**mRNA Refseq** NM\_003470

**Protein Refseq** NP\_003461

**MIM** 602519

**UniProt ID** Q93009



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