

Recombinant Human USP7 protein, His-tagged

Cat. No. USP7-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human USP7 (25-580 amino acid) was expressed in E.coli cells using an N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	25-580 a.a.
Description	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.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol
Molecular Mass	68~72 kDa
Purity	The purity of USP7 was determined to be >75% by densitometry.
Applications	Enzyme Assay; WB
Stability	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 0.1 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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