

## Recombinant Human USP7, His-tagged

Cat. No. USP7-29182TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 907-1102 of Human HAUSP / USP7 with N terminal His tag; 196 amino acids, 29kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	907-1102 a.a.
<b>Description</b>	Ubiquitin-specific-processing protease 7 (USP7) also known as ubiquitin carboxyl-terminal hydrolase 7 or herpesvirus-associated ubiquitin-specific protease (HAUSP) is an enzyme that in humans is encoded by the USP7 gene.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Widely expressed. Overexpressed in prostate cancer.
<b>Form</b>	Lyophilised:Reconstitute with 146 µl aqua dest.
<b>Storage buffer</b>	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium hydrogen phosphate, 10mM Sodium chloride, pH 4.5
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino</b>	EITLYPDKHGCVRDLLLEECKKAVELGEKASGKLRLLLEIVS YKIIGVHQEDELLECLSPA

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**acids** TSRTFRIEEIPLDQVDIDK ENEMLVTVAHFHKEVFGTFGIPFLLRHQGEHFREVMK R  
 IQSLLDIQEKEFEKFKFAIVMMGRHQYINEDEYEVNLKD FEPQPGNMSHPRPWLGL  
 DHFNKAPKRSRYTYLEKAIKI HN

**Sequence Similarities** Belongs to the peptidase C19 family.Contains 1 MATH domain.

## 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;

**Gene ID** [7874](#)

**mRNA Refseq** [NM\\_003470](#)

**Protein Refseq** [NP\\_003461](#)

**MIM** [602519](#)

**Uniprot ID** [Q93009](#)

**Chromosome Location** 16p13.3

**Pathway** FoxO family signaling, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; p53 pathway, organism-specific biosystem;

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**Function**

cysteine-type endopeptidase activity; p53 binding; peptidase activity; protein C-terminus binding; protein binding;

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