

## Recombinant Human USP7 Protein, MYC/DDK-tagged

Cat. No. USP7-677H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human USP7 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder. [provided by RefSeq, Mar 2016]</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	128.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	ubiquitin specific peptidase 7[ Homo sapiens ]
<b>Official Symbol</b>	USP7
<b>Synonyms</b>	HAUSP; TEF1
<b>Gene ID</b>	7874
<b>mRNA Refseq</b>	NM_003470.2
<b>Protein Refseq</b>	NP_003461.2
<b>MIM</b>	602519
<b>UniProt ID</b>	Q93009

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