

# Recombinant Human USP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** USP3-2633H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	USP3 MS Standard C13 and N15-labeled recombinant protein (NP_006528) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Hydrolase that deubiquitinates monoubiquitinated target proteins such as histone H2A and H2B. Required for proper progression through S phase and subsequent mitotic entry. May regulate the DNA damage response (DDR) checkpoint through deubiquitination of H2A at DNA damage sites. Associates with the chromatin.
<b>Molecular Mass</b>	59.3 kDa
<b>AA Sequence</b>	MECPHLSSSVCIAPDSAKFPNGSPSSWCCSVCRSNKSPWVCLTCSSVHCGRYVNG HAKKHYEDAQVPLTNHKKSEKQDKVQHTVCMDCSSYSTYCYRCDDFVNDTKLGL VQKVREHLQNLNSAFTADRHKRKLLENSTLNSKLLKVNSTTAICATGLRNLGNT CFMNAILQSLSNIEQFCCYFKELPAVELRNGKTAGRRTYHTRSQGDNNVSLVEEFRK TLCALWQGSQTAFSPESLFYVWVKIMPNFRGYQQQDAHEFMRYLLDHLHLELQGG FNGVSRSAIQENSTLSASNKCCINGASTVVTAIFGGILQNEVNCLICGTESRKFDPFLL DLSLDIPSQFRSKRSKNQENGPVCSLRDCLRSFTDLEELDETELYMCHKCKKKKQKS TKKFWIQKLPKVLCLHLKRFHWTAYLRNKVDITYVEFPLRGLDMKCYLLEPENSGPES CLYDLAAVVVHHGSGVGSVGHYATHEGRWFHFNDSVTTLTDEETVVKAKAYILF

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YVEHQAKAGSDKLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [USP3 ubiquitin specific peptidase 3 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [USP3](#)

**Synonyms** USP3; ubiquitin specific peptidase 3; ubiquitin specific protease 3; ubiquitin carboxyl-terminal hydrolase 3; ubiquitin thioesterase 3; deubiquitinating enzyme 3; ubiquitin thiolesterase 3; ubiquitin-specific-processing protease 3; UBP; SIH003; MGC129878; MGC129879;

**Gene ID** [9960](#)

**mRNA Refseq** [NM\\_006537](#)

**Protein Refseq** [NP\\_006528](#)

**MIM** [604728](#)

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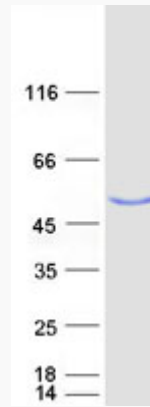
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UniProt ID

Q9Y6I4

SDS-PAGE



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