

## Recombinant Mouse Usp1 Protein, Myc/DDK-tagged

**Cat. No.** Usp1-6863M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length ubiquitin specific peptidase 1 (Usp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the ubiquitin-specific peptidase family. The encoded protein acts as a catalytic subunit in a heterodimeric deubiquitinating enzyme complex that deubiquitinates Fanconi anemia, complementation group D2, and plays a role in homologous recombination-mediated DNA repair. Disruption of this gene is associated with a Fanconi anemia-like phenotype and genomic instability. Alternative splicing results in multiple transcript variants. Pseudogenes of this gene have been defined on chromosomes 3, 12, and 15. [provided by RefSeq, Aug 2014]
<b>Molecular Mass</b>	87.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Usp1 ubiquitin specific peptidase 1 [ *Mus musculus* (house mouse) ]

**Official Symbol** Usp1

**Synonyms** USP1; ubiquitin specific peptidase 1; ubiquitin carboxyl-terminal hydrolase 1; ubiquitin thioesterase 1; deubiquitinating enzyme 1; ubiquitin thiolesterase 1; ubiquitin specific protease 1; ubiquitin specific peptdiase 1; ubiquitin-specific-processing protease 1; MGC25559

**Gene ID** 230484


**mRNA Refseq** NM\_146144

**Protein Refseq** NP\_666256

**UniProt ID** Q8BJQ2

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