

Recombinant Mouse Usp1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin specific peptidase 1 (Usp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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]
Molecular Mass	87.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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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