

## Recombinant Human USP2 protein, His-tagged

Cat. No. USP2-6842H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human USP2 protein(11-241 aa), fused with N-terminal His tag, was expressed in E. coli.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 11-241 aa  |
| <b>Tag</b>              | N-His  |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.               |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.   |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |

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**AA Sequence**  
YTESARYTDAHAKSGYGAYTPSSYGANLAASLLEKEKLGFKPVPTSSFLTRPRTYG  
PSSLLDYDRGRPLLRPDITGGGKRAESQTRGTERPLGSGLSGGSGFPYGVTTNNCLS  
YLPINAYDQGVTLTQKLDSSQDLARDFSSLRSDSYRIDPRNLGRSPMLARTRKELC  
TLQGLYQTASCPEYLVDYLENYGRKGSASQVPSQAPPSRVPEIISPTYRPIGRYTLW  
ETGK

## GENE INFORMATION

**Gene Name** [USP2 ubiquitin specific peptidase 2 \[ Homo sapiens \]](#)

**Official Symbol** [USP2](#)

**Synonyms** USP2; ubiquitin specific peptidase 2; ubiquitin specific protease 2; ubiquitin carboxyl-terminal hydrolase 2; UBP41; ubiquitin thioesterase 2; deubiquitinating enzyme 2; ubiquitin specific protease 9; ubiquitin specific protease 12; 41 kDa ubiquitin-specific protease; ubiquitin-specific-processing protease 2; USP9;

**Gene ID** [9099](#)

**mRNA Refseq** [NM\\_001243759](#)

**Protein Refseq** [NP\\_001230688](#)

**MIM** [604725](#)

**UniProt ID** [O75604](#)

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