

## Active Recombinant Human USP2 Protein, His-tagged

Cat. No. USP2-544H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human USP2 (Accession # NP_004196), fused with a C-terminal 6-His tag, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	X mg/ml (X $\mu$ M) in 50 mM HEPES pH 7.5, 100 mM NaCl, 1 mM TCEP
<b>Bio-activity</b>	Recombinant Human USP2- His6 Catalytic Domain is a Ubiquitin-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human USP2- His6 Catalytic Domain concentration of 1-5 nM.
<b>Molecular Mass</b>	Recombinant Human USP2, His-tagged has a calculated MW of 41 kDa.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	USP2 ubiquitin specific peptidase 2 [ Homo sapiens ]
<b>Official Symbol</b>	USP2
<b>Synonyms</b>	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;
<b>Gene ID</b>	9099
<b>mRNA Refseq</b>	NM_001243759
<b>Protein Refseq</b>	NP_001230688
<b>MIM</b>	604725
<b>UniProt ID</b>	O75604
<b>Chromosome Location</b>	11q23.3

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