

Active Recombinant Human USP2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human USP2 (Accession # NP_004196), fused with a C-terminal 6-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μ M) in 50 mM HEPES pH 7.5, 100 mM NaCl, 1 mM TCEP
Bio-activity	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.
Molecular Mass	Recombinant Human USP2, His-tagged has a calculated MW of 41 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	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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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
Chromosome Location	11q23.3

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