

Active Recombinant Human USP2

Cat. No. USP2-1042H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP2 (Accession # O75604), fused with , was produced in E. coli.
Species	Human
Source	E.coli
Form	2.0 mg/ml (50 μ M) in 50 mM HEPES pH 8.0, 150 mM NaCl, 0.1 mM EDTA, and 1 mM DTT.
Bio-activity	Recombinant Human USP2 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 Catalytic Domain concentration of 1-5 nM.
Molecular Mass	Recombinant Human USP2 has a calculated MW of 40 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).
Reconstitution	Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine

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serum albumin.

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

Chromosome Location 11q23.3

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