

Active Recombinant Human USP1 Protein, His-tagged

Cat. No. USP1-1066H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP1 (Accession # O94782), fused with a C-terminal 6-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	1 - 785 aa
Form	X mg/ml (X μ M) in 50 mM HEPES, pH 7.5, 100 mM NaCl, 10% glycerol, 1 mM TCEP
Bio-activity	Recombinant Human USP1 is a Ubiquitin-specific deconjugating enzyme. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human USP1 concentration of 0.01-0.5 μ M.
Molecular Mass	Recombinant Human USP1, His-tagged has a calculated MW of 89 kDa.
Purity	>80%, 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 μ g/mL in sterile PBS containing at least 0.1% human or bovine

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

serum albumin. Alternatively, reconstitute at 500 g/mL in sterile 4 mM HCl containing 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [USP1 ubiquitin specific peptidase 1 \[Homo sapiens \]](#)

Official Symbol USP1

Synonyms USP1; ubiquitin specific peptidase 1; ubiquitin specific protease 1; ubiquitin carboxyl-terminal hydrolase 1; hUBP; ubiquitin thioesterase 1; deubiquitinating enzyme 1; ubiquitin thioesterase 1; ubiquitin carboxyl terminal hydrolase 1; ubiquitin specific processing protease 1; ubiquitin-specific-processing protease 1; UBP;

Gene ID [7398](#)

mRNA Refseq [NM_001017415](#)

Protein Refseq [NP_001017415](#)

MIM [603478](#)

UniProt ID O94782

Chromosome Location 1p31.3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA