

Recombinant Human USP3, His-SUMO-tagged

Cat. No. USP33-154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP33core protein, fused with His6-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	USP33 was originally identified as a protein that interacts with the E3 ubiquitin ligase pVHL, a region commonly mutated in patients with pVHL disease and has been shown to be ubiquitylated by the pVHL E3 ligase complex in vitro and in transiently transfected COS-7 cells. The USP33 catalytic core spans amino acids 181-712.
Form	Liquid, 25 mM Tris-HCl, pH 7.5, 150 mM NaCl, 5 mM DTT, 10% glycerol
Molecular Mass	61kDa
Storage	Store at -80°C, avoiding repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	USP33 ubiquitin specific peptidase 33 [Homo sapiens]
Official Symbol	USP33
Synonyms	USP33; ubiquitin specific peptidase 33; ubiquitin specific protease 33; ubiquitin

 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

carboxyl-terminal hydrolase 33; KIAA1097; VDU1; hVDU1; ubiquitin thioesterase 33; deubiquitinating enzyme 33; ubiquitin thiolesterase 33; VHL-interacting deubiquitinating enzyme 1; ubiquitin-specific-processing protease 33; pVHL-interacting deubiquitinating enzyme 1; MGC16868;

Gene ID [23032](#)

mRNA Refseq [NM_015017](#)

Protein Refseq [NP_055832](#)

UniProt ID [Q8TEY7](#)

Chromosome Location 1p31

Function G-protein coupled receptor binding; cysteine-type endopeptidase activity; metal ion binding; peptidase activity; protein binding; NOT ubiquitin binding; ubiquitin thiolesterase activity; ubiquitin-specific protease activity; zinc ion binding;

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