

## Recombinant Human USP5, GST-tagged

Cat. No. USP5-3633H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human USP5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-300
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	USP5 ubiquitin specific peptidase 5 (isopeptidase T) [ Homo sapiens ]
<b>Official Symbol</b>	USP5
<b>Synonyms</b>	USP5; ubiquitin specific peptidase 5 (isopeptidase T); ubiquitin specific protease 5 (isopeptidase T); ubiquitin carboxyl-terminal hydrolase 5; IsoT; isopeptidase T; ubiquitin isopeptidase T; ubiquitin thioesterase 5; deubiquitinating enzyme 5; ubiquitin thiolesterase 5; ubiquitin-specific-processing protease 5; ubiquitin-specific protease-5

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	(ubiquitin isopeptidase T); ISOT;
<b>Gene ID</b>	8078
<b>mRNA Refseq</b>	NM_001098536
<b>Protein Refseq</b>	NP_001092006
<b>MIM</b>	601447
<b>UniProt ID</b>	P45974
<b>Chromosome Location</b>	12p13
<b>Function</b>	cysteine-type endopeptidase activity; metal ion binding; omega peptidase activity; peptidase activity; protein binding; ubiquitin thiolesterase activity; zinc ion binding;

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