

Recombinant Human USP5 protein(1-350 aa), His-tagged

Cat. No. USP5-3634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP5 protein(1-350 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	MAELSEEALLSVLPTIRVPKAGDRVHKDECAFSFDTPSEGGLYICMNTFLGFGKQY VERHFNKTGQRVYLHLRRTRRPKEEDPATGTGDPPRKKPTRLAIGVEGGFDLSEEK FELDEDVKIVILPDYLEIARDGLGGLPDIVRDRVTSAVEALLSADSASRKQEVQAWDG

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EVRQVSKHAFSLKQLDNPARIPPCGWKCSKCDMRENLWLNLTGDSILCGRRYFDG
 SGGNNHAVEHYRETGYPLAVKLGITPDGADVSYDEDDMVLDP SLAEHL SHFGID
 MLKMQKTDKTMTELEIDMNQRIGEWELIQESGVPLKPLFGPGYTGIRNLGNSCYLNS
 VVQVLFSIPDF

GENE INFORMATION

Gene Name	USP5 ubiquitin specific peptidase 5 (isopeptidase T) [Homo sapiens]
Official Symbol	USP5
Synonyms	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 thioesterase 5; ubiquitin-specific-processing protease 5; ubiquitin-specific protease-5 (ubiquitin isopeptidase T); ISOT;
Gene ID	8078
mRNA Refseq	NM_001098536
Protein Refseq	NP_001092006
MIM	601447
UniProt ID	P45974

SDS-PAGE

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