

Recombinant Human USP45 protein, His-tagged

Cat. No. USP45-362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP45 protein(1-289 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-289 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.
AA Sequence	MRVKDPTKALPEKAKRSKRPTVPHDEDSSDDIAVGLTCQHVSHAISVNHVKRAIAEN LWSVCSECLEERRFYDQQLVLTSDIWLCLKCGFQCGKNSSEQHSLKHFKSSRTEP HCHIIINLSTWIIWCYECDEKLSTHCNKKVLAQIVDFLQKHASKTQTSAFSRIMKLCEEK CETDEIQKGGKCRNLSVRGITNLGNTCCFFNAVMQNLAQTYTLTDLMEIKESSTKLKI FPSSDSQLDPLVVELSRPGPLTSALFLFLHSMKETEGPLSPKVLFNQLCQKRVHLH LI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

USP45 ubiquitin specific peptidase 45 [Homo sapiens]

Official Symbol

USP45

Synonyms

USP45; ubiquitin specific peptidase 45; ubiquitin specific protease 45; ubiquitin carboxyl-terminal hydrolase 45; MGC14793; ubiquitin thioesterase 45; deubiquitinating enzyme 45; ubiquitin thiolesterase 45; ubiquitin-specific-processing protease 45;

Gene ID

85015

mRNA Refseq

NM_001080481

Protein Refseq

NP_001073950

UniProt ID

Q70EL2

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