

Recombinant Human USP14 protein, His-tagged

Cat. No. USP14-3641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP14 protein(1-294 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-294 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	MPLYSVTVKVGKEKFEGVELNTDEPPMVFKAQLFALTGVQPARQKVMVKGGTLKD DDWGNIKIKNGMTLLMMGSADALPEEPSAKTVFVEDMTEEQLASAMELPCGLTNLG NTCYMNATVQCIRSVPELKDALKRYAGALRASGEMASAQYITAALRDLFDSMDKTSS SIPPIILLQFLHMAFPQFAEKGEQGQYLQQDANECWIQMMRVLQQKLEAIEDDSVKE TDSSSASAATPSKKKSLIDQFFGVEFETTMKCTESEEVEVTGKGENQLQLSCFINQE VKYLFTGLKLRL
Purity	95%, 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

USP14 ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase) [Homo sapiens]

Official Symbol

USP14

Synonyms

USP14; ubiquitin specific peptidase 14 (tRNA-guanine transglycosylase); ubiquitin specific protease 14 (tRNA guanine transglycosylase); ubiquitin carboxyl-terminal hydrolase 14; TGT; ubiquitin thioesterase 14; deubiquitinating enzyme 14; ubiquitin thioesterase 14; ubiquitin-specific processing protease 14; ubiquitin-specific-processing protease 14; tRNA-guanine transglycosylase, 60-kD subunit; ubiquitin specific protease 14 (tRNA-guanine transglycosylase);

Gene ID

9097

mRNA Refseq

NM_001037334

Protein Refseq

NP_001032411

MIM

607274

UniProt ID

P54578

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