

Recombinant Human USP3 protein, T7/His-tagged

Cat. No. USP3-159H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human USP3 cDNA (519 aa, Isoform-1, derived from BC065300) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	519 a.a.
Form	0.1 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGEGSECPHLSSSVCIAPDSAKFPNGSPSS WCCSVCRSNKSPWVCLTCSSV HCGRYVNGHAKKHYEDAQVPLTNHKKSEKQDKV QHTVCMDCSSYSTYCYRCDDFVNDTKLGLVQKVREHLQNLE NSAFTADRHHKKRK LLENSTLNSKLLKVN GSTTAICATGLRNLGNTCFMNAILQSLSNIEQFCCYFKELPAVE LRN GKTAGRRTYHTRSQGDNNVSLVEEFRKTL CALWQGSQTAFSPESLFYVWWKI MPNFRGYQQQDAHEFMRYLLDHL HLELQGGFNGVSR SAILQENSTLSASNKCCIN GASTVTAIFGGILQNEVNCLICGTESRKFPDPLDLSLDIPSQ FRSKRSKNQENG PV CSLRDCLRSFTDLEELDETELYMCHKCKKKQKSTKKFWIQKLPKVLCLHLKRFH WTA YLRN KVDTYVEFPLRGLDMKCYLLEPENSGPESCLYDLAAVVVHHGSGVGS GHYT AYATHEGRWFHFNDSTVTLTDEET VVKAKAYILFYVEHQAKAGSDKL
Purity	>90% by SDS-PAGE

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Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION
Gene Name

USP3 ubiquitin specific peptidase 3 [Homo sapiens]

Official Symbol

USP3

Synonyms

USP3; ubiquitin specific peptidase 3; ubiquitin specific protease 3; ubiquitin carboxyl-terminal hydrolase 3; ubiquitin thioesterase 3; deubiquitinating enzyme 3; ubiquitin thioesterase 3; ubiquitin-specific-processing protease 3; UBP; SIH003; MGC129878; MGC129879;

Gene ID

9960

mRNA Refseq

NM_001256702

Protein Refseq

NP_001243631

MIM

604728

UniProt ID

Q9Y6I4

**Chromosome
Location**

15q22.3

Function

cysteine-type peptidase activity; histone binding; metal ion binding; peptidase activity; ubiquitin thioesterase activity; ubiquitin thioesterase activity; ubiquitin-specific protease activity; zinc ion binding;

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