

## Recombinant Human USP53 protein, His-tagged

Cat. No. USP53-111H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human USP53, fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	203aa(including fusion tag)
<b>Description</b>	Has no peptidase activity. Expressed predominantly in skeletal muscle and heart.Belongs to the peptidase C19 family. Although the active site residues are conserved, lacks the conserved His residue which is normally found 9 residues before the catalytic His.
<b>Form</b>	20mM Tris.Cl, 100mM NaCl, 0.4M Urea, 50% Glycerol, pH8.0.
<b>Molecular Mass</b>	203aa(including fusion tag)
<b>Applications</b>	WB, ELISA, IP, antibody production, protein array
<b>Storage</b>	Store at -80centigrade and avoid repeated freeze-thaw cycles.

### GENE INFORMATION

<b>Gene Name</b>	USP53 ubiquitin specific peptidase 53 [ Homo sapiens ]
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<b>Official Symbol</b>	USP53
<b>Synonyms</b>	USP53; ubiquitin specific peptidase 53; ubiquitin specific protease 53; inactive ubiquitin carboxyl-terminal hydrolase 53; KIAA1350; ubiquitin specific proteinase 53; inactive ubiquitin-specific peptidase 53; DKFZp781E1417;
<b>Gene ID</b>	54532
<b>mRNA Refseq</b>	NM_019050
<b>Protein Refseq</b>	NP_061923
<b>MIM</b>	
<b>UniProt ID</b>	Q70EK8
<b>Chromosome Location</b>	4q26
<b>Function</b>	NOT ubiquitin thiolesterase activity;

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