

Recombinant Human USP47 Protein (V2-D1375), His/Flag tagged

Cat. No. USP47-1341S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-TEV-GG-USP47(V2-D1375 end)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	V2-D1375
Description	Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulate CDC25A expression at a transcriptional level.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name [USP47 ubiquitin specific peptidase 47 \[Homo sapiens \(human\) \]](#)

Official Symbol [USP47](#)

Synonyms USP47; ubiquitin specific peptidase 47; Trf (TATA binding protein related factor) proximal homolog (Drosophila), ubiquitin specific protease 47; ubiquitin carboxyl-terminal hydrolase 47; ubiquitin thioesterase 47; deubiquitinating enzyme 47; ubiquitin thioesterase 47; ubiquitin specific protease 47; ubiquitin-specific-processing protease 47; Trf (TATA binding protein-related factor)-proximal homolog; TRFP; FLJ20727; DKFZp686C13257;

Gene ID [55031](#)

mRNA Refseq [NM_017944](#)

Protein Refseq [NP_060414](#)

MIM [614460](#)

UniProt ID [Q96K76](#)

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