

Recombinant Human USP37 Protein (S2-L979), His tagged

Cat. No. USP37-0350H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-TEV-GG- USP37(S2-L979 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	S2-L979
Description	Deubiquitinase that antagonizes the anaphase-promoting complex (APC/C) during G1/S transition by mediating deubiquitination of cyclin-A (CCNA1 and CCNA2), thereby promoting S phase entry. Specifically mediates deubiquitination of 'Lys-11'-linked polyubiquitin chains, a specific ubiquitin-linkage type mediated by the APC/C complex. Also mediates deubiquitination of 'Lys-48'-linked polyubiquitin chains in vitro. Phosphorylation at Ser-628 during G1/S phase maximizes the deubiquitinase activity, leading to prevent degradation of cyclin-A (CCNA1 and CCNA2). Plays an important role in the regulation of DNA replication by stabilizing the licensing factor CDT1.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

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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 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	USP37 ubiquitin specific peptidase 37 [Homo sapiens (human)]
Official Symbol	USP37
Synonyms	USP37; ubiquitin specific peptidase 37; ubiquitin specific protease 37; ubiquitin carboxyl-terminal hydrolase 37; KIAA1594; tmp_locus_50; ubiquitin thioesterase 37; deubiquitinating enzyme 37; ubiquitin thiolesterase 37; ubiquitin-specific-processing protease 37; MGC117261;
Gene ID	57695
mRNA Refseq	NM_020935
Protein Refseq	NP_065986
UniProt ID	Q86T82

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