

Recombinant Full Length Human USP7 protein, His-tagged

Cat. No. USP7-10968H Lot. No. (See product label)

SPECIFICATION

Product Overview	Full Length Human USP7 Protein, His Tag is expressed from Baculovirus-Insect cells. It contains AA Asn 2-Asn 1102 (Accession # Q93009-1). This protein carries a polyhistidine tag at the N-terminus. Predicted N-terminus: Met
Species	Human
Source	Insect Cells
ProteinLength	2-1102 aa
Description	The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process.
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 100 mM NaCl, pH8.0 with glycerol as protectant.
Molecular Mass	The protein has a calculated MW of 130.2 kDa. The protein migrates as 130 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU/µg by the LAL method/rFC method.

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Purity	>85% as determined by SDS-PAGE.
Storage	This product is stable after storage at: The product MUST be stored at -70 centigrade or lower upon receipt; -70 centigrade for 3 months under sterile conditions. Please avoid repeated freeze-thaw cycles.
Concentration	0.2 mg/mL
Shipping	This product is supplied and shipped with dry ice, please inquire the shipping cost.

GENE INFORMATION

Gene Name	USP7 ubiquitin specific peptidase 7 (herpes virus-associated) [Homo sapiens (human)]
Official Symbol	USP7
Synonyms	USP7; ubiquitin specific peptidase 7 (herpes virus-associated); HAUSP, ubiquitin specific protease 7 (herpes virus associated); ubiquitin carboxyl-terminal hydrolase 7; ubiquitin thioesterase 7; deubiquitinating enzyme 7; ubiquitin-specific-processing protease 7; herpesvirus-associated ubiquitin-specific protease; Herpes virus-associated ubiquitin-specific protease; ubiquitin specific protease 7 (herpes virus-associated); TEF1; HAUSP;
Gene ID	7874
mRNA Refseq	NM_003470
Protein Refseq	NP_003461
MIM	602519

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UniProt ID

Q93009

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