Recombinant Human USP11 Protein (A2-N963), GST tagged

Cat. No. USP11-0885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GST-TEV-GG-USP11(A2-N963 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-N963
Description	Protease that can remove conjugated ubiquitin from target proteins and polyubiquitin chains. Inhibits the degradation of target proteins by the proteasome. Cleaves preferentially 'Lys-6' and 'Lys-63'-linked ubiquitin chains. Has lower activity with 'Lys-11' and 'Lys-33'-linked ubiquitin chains, and extremely low activity with 'Lys-27', 'Lys-29' and 'Lys-48'-linked ubiquitin chains (in vitro). Plays a role in the regulation of pathways leading to NF-kappa-B activation. Plays a role in the regulation of DNA repair after double-stranded DNA breaks. Acts as a chromatin regulator via its association with the Polycomb group (PcG) multiprotein PRC1-like complex; may act by deubiquitinating components of the PRC1-like complex. Promotes cell proliferation by deubiquitinating phosphorylated E2F1.
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	USP11 ubiquitin specific peptidase 11 [Homo sapiens (human)]
Official Symbol	USP11
Synonyms	USP11; ubiquitin specific peptidase 11; ubiquitin specific protease 11; ubiquitin carboxyl-terminal hydrolase 11; UHX1; ubiquitin thioesterase 11; deubiquitinating enzyme 11; ubiquitin thiolesterase 11; ubiquitin-specific processing protease 11; ubiquitin-specific-processing protease 11; ubiquitin carboxyl-terminal hydrolase, X-linked;
Gene ID	8237
mRNA Refseq	NM_004651
Protein Refseq	NP_004642
MIM	300050
UniProt ID	P51784

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