

Active Recombinant Human USP11 protein, His tagged

Cat. No. USP11-08H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human USP11 protein with His tag was expressed in Insect Cells.
Species	Human
Source	Insect Cells
Description	Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This gene encodes a deubiquitinating enzyme which lies in a gene cluster on chromosome Xp11.23.
AASequence	MAVAPRLFGGLCFRFRDQNPEVAVEGRLPISHSCVGCRRTAMATVAANPAAAAA AVAAAAAVTEDREPQHEELPGLDSQWRQIENGESGRERPLRAGESWFLVEKHWYK QWEAYVQGGDQDSSTFPGCINNATLFQDEINWRLKEGLVEGEDYVLLPAAAWHYL VSWYGLEHGQPPIERKVIELPNIQKVEVYPVELLLVRHNDLGKSHTVQFSHTDSIGLV LRTARERFLVEPQEDTRLWAKNSEGLDRLDYDTHITVLDALETGQLIMETRKKDGT WPSAQLHVMNNNMSEEDDFKGQPGICGLTNLGNTCFMNSALQCLSNVPQLTEYF LNNCYLEELNFRNPLGMKGEIAEAYADLVKQAWSGHRSIVPHVFNKVGHFASQF LGYQQHDSQELLSFLLDGLHEDLNRVKKKEYVELCDAAGRPDQEVAQEAWQNHKR RNDVIVDTFHGLFKSTLVCPDCGNVSVTFDPFCYLSVPLPISHKRVLEVFFIPMDPR RKPEQHRLVVPKKGKISDLCVALSKHTGISPERMMVADVFSHRFYKLYQLEELSSIL

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DRDDIFVYEVSGRIEAIEGSREDIVVPVYLRRTPARDYNNSYYGLMLFGHPLLVSVP
RDRFTWEGLYNVLMYRLSRYVTKPNSDDEDDGDEKEDDEEDKDDVPGPSTGGSLR
DPEPEQAGPSSGVTNRCPFLLDNCLGTSQWPPRRRRKQLFTLQTVNSNGTSDRTT
SPEEVHAQPPIAIDWEPKMKRYDEVEAEGYVKHDCVGYVMKKAPVRLQECIELF
TTVETLEKENPWYCPSCQHQQLATKKLDLWMLPEILIIHLKRFSYTKFSREKLDLVE
FPIRDLDFSEFVIQPNESNPELYKYDLIAVSNHYGGMRDGHYTTTFACNKDSGQWH
YFDDNSVSPVNNQIESKAAYVLFYQRQDVARRLLSPAGSSGAPASPACSSPPSSE
FMDVNHHHHHHHHH

Molecular Mass 110 kDa

Purity > 90% by SDS-PAGE

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 Sterile 50mM Hepes, pH7.5, 100mM NaCl, 10% Glycerol, 1mM DTT

Concentration 0.96 mg/mL by Bradford

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 thioesterase 11; ubiquitin-specific processing protease 11; ubiquitin-specific-processing protease 11; ubiquitin carboxyl-terminal hydrolase, X-linked

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Gene ID 8237

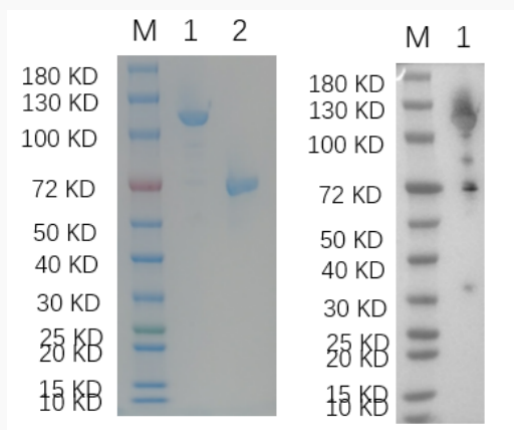
mRNA Refseq NM_004651

Protein Refseq NP_004642

MIM 300050

UniProt ID P51784

SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profiles of purified USP11. 1. USP11 2. BSA

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