

Recombinant Human UBE2U, GST-tagged

Cat. No. UBE2U-147H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human UBE2U was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
Description	UBE2U, or Ubiquitin-conjugating enzyme E2 U, belongs to the ubiquitin-conjugating enzyme family. In the global yeast two-hybrid (Y2H) screens to study the specificity of interactions between catalytic domains of the human E2s with RING-type E3s, the analysis showed the UBE2U had a high-quality and physical interactions with a few E3 ligases.
Form	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~52 kDa
Purity	>80% by densitometry
Applications	Western Blot
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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Concentration 0.1 µg/µl

GENE INFORMATION

Gene Name UBE2U ubiquitin-conjugating enzyme E2U (putative) [Homo sapiens]

Official Symbol UBE2U

Synonyms UBE2U; ubiquitin-conjugating enzyme E2U (putative); ubiquitin-conjugating enzyme E2 U; MGC35130; ubiquitin-protein ligase U; ubiquitin carrier protein U; RP4-636O23.1;

Gene ID [148581](#)

mRNA Refseq [NM_152489](#)

Protein Refseq [NP_689702](#)

UniProt ID [Q5V VX9](#)

Chromosome Location 1p31.3

Pathway Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

Function ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; ubiquitin-protein ligase activity;

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