

Recombinant Human UBE2W, His-tagged

Cat. No. UBE2W-67H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanUBE2W protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Protein Length	1-151 a.a.
Description	UBE2W accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. This protein in vitro catalyzes monoubiquitination and "Lys-11"-linked polyubiquitination. UBE2W is widely expressed, especially at highest levels in testis.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.
Molecular Weight	19.5 kDa(171 aa), confirmed by MALDI-TOF.
Purity	> 90% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSH MASMQRRLQK ELLALQNDPP PGMTLNEKSV QNSITQWIVD MEGAPGTLYEGEKFQLLFKF SSRYPFDSPQ VMFTGENIPV

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HPHVYSNGHI CLSILTEDWS PALSVQSVCL SIISMLSSCKEKRRPPDNSF
YVRTCNKNPK KTKWWYHDDT C

Storage

Can bestored at +4°C short term (1-2 weeks). For long term storage, aliquot andstore at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

UBE2W ubiquitin-conjugatingenzyme E2W (putative) [Homo sapiens]

Official Symbol

UBE2W

Synonyms

UBE2W; ubiquitin-conjugating enzyme E2W(putative); UBC16; UBC-16; hUBC-16; FLJ11011; ubiquitin-conjugating enzyme E2W; ubiquitin-protein ligase W; ubiquitin carrier protein W;ubiquitin-conjugating enzyme 16; probable ubiquitin-conjugating enzyme E2 W;EC 6.3.2.19; OTTHUMP00000226882; OTTHUMP00000226883

Gene ID

55284

mRNA Refseq

NM_018299

Protein Refseq

NP_060769

MIM

614277

UniProt ID

Q96B02

**Chromosome
Location**

8q21.11

Pathway

Adaptive Immune System; Antigen processing;Ubiquitination & Proteasome

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degradation; Class I MHC mediated antigen processing & presentation; Immune System; Ubiquitin mediated proteolysis

Function

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

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