

## Recombinant Human UBE2S, His-tagged

**Cat. No.** UBE2S-26937TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human E2 EPF fused to a His tag at the N terminal; 258 amino acids, MWt 27.9 kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a member of the ubiquitin-conjugating enzyme family. The encoded protein is able to form a thiol ester linkage with ubiquitin in a ubiquitin activating enzyme-dependent manner, a characteristic property of ubiquitin carrier proteins.
<b>Conjugation</b>	HIS
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSNSN VENLPPHIIR LVYKEVTTLT ADPPDGIKVF PNEEDLTDLQ VTIEGPEGTP YAGGLFRMKL

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LLGKDFPASP PKGYFLTKIF HPNVGANGEI CVNVLKRDWT AELGIRHVLL  
 TIKCLLIHPN PESALNEEAG RLLLENYEEY AARARLLTEI HGGAGGPSGR  
 AEAGRALASG TEASSTDPGA PGGPGGAEGP MAKKHAGERD KKLAAKKKT  
 KKRALRRL

**Sequence Similarities** Belongs to the ubiquitin-conjugating enzyme family.

**Full Length** Full L.

## GENE INFORMATION

**Gene Name** UBE2S ubiquitin-conjugating enzyme E2S [ Homo sapiens ]

**Official Symbol** UBE2S

**Synonyms** UBE2S; ubiquitin-conjugating enzyme E2S; ubiquitin-conjugating enzyme E2 S; E2 EPF; ubiquitin carrier protein; ubiquitin conjugating enzyme E2 24 kD; ubiquitin protein ligase;

**Gene ID** 27338

**mRNA Refseq** NM\_014501

**Protein Refseq** NP\_055316

**MIM** 610309

**Uniprot ID** Q16763

**Chromosome Location** 19q13.43

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**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;

**Function**

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

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