

Recombinant Human UBE2S, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human E2 EPF fused to a His tag at the N terminal; 258 amino acids, MWt 27.9 kDa.
Species	Human
Source	E.coli
Description	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.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNSN VENLPPHIIR LVYKEVTTLT ADPPDGIKVF PNEEDLTDLQ VTIEGPEGTP YAGGLFRMKL

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