

Recombinant Human UBE2S, His-tagged

Cat. No. UBE2S-26459TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 24-222 of Human E2 EPF with N terminal His tag; Predicted MWt 22 kDa.
Species	Human
Source	E.coli
ProteinLength	24-222 a.a.
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	Lyophilised:Reconstitute with 86 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	TADPPDGIKVFNPNEEDLTDLQVTIEGPEGTPYAGGLFRMK LLLGKDFPASPPKGYFL TKIFHPNVGANGEICVNVLKR DWTAELGIRHVLLTIKCLLIHPNPESALNEEAGRLLLE

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NYEEYAARARLLTEIHGGAGGPGSGRAEAGRALASGTEA SSTDPGAPGGPGGAEGP
MAKKHAGERDKKLAAKKKTDKKRALRRL

**Sequence
Similarities**

Belongs to the ubiquitin-conjugating enzyme family.

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

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;

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Function

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

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