

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: None Constituents: 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	TADPPDGIKVFPNEEDLTDLQVTIEGPEGTPYAGGLFRMK LLLGKDFPASPPKGYFL TKIFHPNVGANGEICVNVLKR DWTAELGIRHVLLTIKCLLIHPNPESALNEEAGRLLLE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Function

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA