

# Recombinant Human Ubiquitin-conjugating Enzyme E2S, His-tagged

Cat. No. UBE2S-1405H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2S protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	<i>E.coli</i>
<b>Description</b>	UBE2S, also known as ubiquitin-conjugating enzyme E2S, is a member of the ubiquitin-conjugating enzyme family. This protein is able to form a thiol ester linkage with ubiquitin in an ubiquitin activating enzyme-dependent manner, a characteristic property of ubiquitin carrier proteins. It catalyzes the covalent attachment of ubiquitin to other proteins.
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNSN VENLPPHIIR LVYKEVTTLT ADPPDGKVF PNEEDLTDLQ VTIEGPEGTP YAGGLFRMKL LLGKDFPASP PKGYFLTKIF HPNVGANGEI CVNVLKRWDWT AELGIRHVLL TIKCLLIHPN PESALNEEAG RLLLENYEEY AARARLLTEI HGGAGGPSGR AEAGRALASG TEASSTDPGA PGGPGGAEGP MAKKHAGERD KKLAAKKKT KKRALRRL
<b>Form</b>	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT and 20% glycerol.
<b>Purity</b>	> 90% by SDS – PAGE.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Concentration</b>	1 mg/ml (determined by Bradford assay).
<b>Storage</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	UBE2S ubiquitin-conjugating enzyme E2S [ Homo sapiens ]
<b>Synonyms</b>	UBE2S; ubiquitin-conjugating enzyme E2S; EPF5; E2EPF; E2-EPF; ubiquitin-protein ligase S; ubiquitin carrier protein S; ubiquitin-conjugating enzyme E2-24 kD; EC 6.3.2.19; ubiquitin-protein ligase; ubiquitin carrier protein; E2-EPF5; ubiquitin-conjugating enzyme E2S
<b>Gene ID</b>	27338
<b>mRNA Refseq</b>	NM_014501
<b>Protein Refseq</b>	NP_055316
<b>MIM</b>	610309
<b>UniProt ID</b>	Q16763
<b>Chromosome Location</b>	19q13.43
<b>Function</b>	ATP binding; ligase activity; nucleotide binding; ubiquitin-protein ligase activity

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