Recombinant Human Ubiquitin-conjugating Enzyme E2S, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human UBE2S protein, fused to His-tag at N-terminus, was expressed in*E.coli*and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNSN VENLPPHIIR LVYKEVTTLT ADPPDGIKVF PNEEDLTDLQ VTIEGPEGTP YAGGLFRMKL LLGKDFPASP PKGYFLTKIF HPNVGANGEI CVNVLKRDWT AELGIRHVLL TIKCLLIHPN PESALNEEAG RLLLENYEEY AARARLLTEI HGGAGGPSGR AEAGRALASG TEASSTDPGA PGGPGGAEGP MAKKHAGERD KKLAAKKKTD KKRALRRL
Form	Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT and 20% glycerol.
Purity	> 90% by SDS – PAGE.

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Concentration	1 mg/ml (determined by Bradford assay).
Storage	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.

GENE INFORMATION

Gene Name	UBE2S ubiquitin-conjugating enzyme E2S [Homo sapiens]
Synonyms	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
Gene ID	27338
mRNA Refseq	NM_014501
Protein Refseq	NP_055316
MIM	610309
UniProt ID	Q16763
Chromosome Location	19q13.43
Function	ATP binding; ligase activity; nucleotide binding; ubiquitin-protein ligase activity

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