

UBE2S, 1-222 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP04395

3th Edition

Synonyms:E2-EPF, E2EPF, EPF5, Ubiquitin-conjugating enzyme E2S AA409170, MGC101982, UBE2S, Ubiquitin carrier protein S, Ubiquitin protein ligase S, Ubiquitin conjugating enzyme E2 24 kD, Ubiquitin conjugating enzyme E2S,

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. Recombinant UBE2S protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT and 20% glycerol

Molecular Weight:27.9 kDa (258aa), confirmed by MALDI-TOF.

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMSNVENLPPHIIRLVYKEVTTLTADPPDGIKVFNPNEE
DLTDLQVTIEGPEGTPYAGGLFRMKLLLGKDFPASPCKGYFLTKIFHPNVGANGEICVNVLKRDWTAELGIRHVLLTI
KCLLIHPNPESALNEEAGRLLLENYEEYAARARLLTEIHGGAGGPGRAEAGRALASGTEASSTDPGAPGGPGGAE
GPMAKKHAGERDKKLAAKKTKDKRALRRL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.