

AR09255PU-L

Human UBE2S (1-222, His-tag) - Purified

Alternate names:

E2-EPF5, E2EPF, OK/SW-cl.73, Ubiquitin carrier protein S, Ubiquitin-conjugating enzyme E2 S, Ubiquitin-conjugating enzyme E2-24 kDa, Ubiquitin-protein ligase S

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q16763](#)

NCBI:

[NP_055316.2](#)

GeneID:

[27338](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT and 20% glycerol

Description:

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

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMNSN VENLPPHIIR LUYKEVTTLT
ADPPDGIKVF PNEEDLTDLQ VTIEGPEGTP YAGGLFRMKL LLGKDFPASP PKGYFLTKIF
HPNVGANGEI CVNVLKRDWT AELGIRHVLL TIKCLLIHPN PESALNEEAG RLLLENYEEY
AARARLLTEI HGGAGGPGSR AEAGRALASG TEASSTDPGA PGGPGGAEGP MAKKHAGERD
KKLAAKKKTD KKRALRRL

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

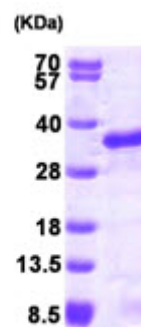
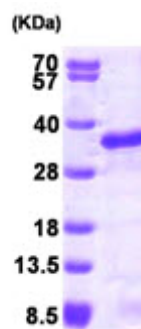
General Readings:

Ye Y., et al. (2009) Nat Rev Mol Cell Biol. 10(11):755-64.

Windheim M., et al. (2008) Biochem J. 409(3):723-9.

Pictures:

Recombinant human UBE2S, 1-222 aa,
His-tagged: 15% SDS-PAGE (3 μ g)



15% SDS-PAGE (3ug)