
UBE2T, 1-197 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP04396

3th Edition

Synonyms:HSPC150, PIG50, Ubiquitin-conjugating enzyme E2T Cell proliferation inducing gene 50 protein, HSPC150 protein similar to ubiquitin conjugating enzyme, HSPC150 protein similar to ubiquitin-conjugating enzyme, UBE2T

Description:UBE2T, also known as PIG50 or HSPC150, is a member of the E2 ubiquitin-conjugating enzyme family Involved in the protein degradation pathway. This protein catalyzes the ATP-dependent attachment of ubiquitin (Ub) to target proteins, thereby tagging them for subsequent destruction by the proteasome. Additionally, UBE2T is thought to be a crucial component of the Faconi anemia pathway of DNA damage repair and, upon self-inactivation, may negatively regulate the Faconi pathway. Recombinant UBE2T protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.

Molecular Weight:23.6 kDa (205aa), confirmed by MALDI-TOF

Sequences:

MQRASRLKRELHMLATEPPPGITCWQDKDQMDDLRAQILGGANTPYEKGVFKLEVIIPERYPFEPQIRFLTPYHP
NIDSAGRICLDVLKLPKGAWRPSLNIATVLTISIQLLMSEPNPDDPLMADISSEFKYNKPAFLKNARQWTEKHARQK
QKADEEEMLDNLPEAGDSRVHNSTQKRKASQLVGIEKKFHPDVLEHHHHHH

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.