

Recombinant Human Ubiquitin-Conjugating Enzyme E2 T Protein

Cat.NO.: TP04579

3th Edition

Synonyms:Ubiquitin-Conjugating Enzyme E2 T; Cell Proliferation-Inducing Gene 50 Protein; Ubiquitin Carrier Protein T; Ubiquitin-Protein Ligase T; UBE2T

Description:Ubiquitin-Conjugating Enzyme E2 T (UBE2T) is a ligase that belongs to the Ubiquitin-Conjugating Enzyme family. UBE2T accepts the ATP-dependent ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro, UBE2T is able to catalyze polyubiquitination using all 7 ubiquitin Lys residues, but may prefer 'Lys-11', 'Lys-27', 'Lys-48' and 'Lys-63'-linked polyubiquitination. UBE2T is an important factor of the Faconi anemia pathway of DNA damage repair and, upon self-inactivation, may negatively regulate the Faconi pathway.

Form:PBS

Molecular Weight:24.7 kDa

Sequences:Met 1-Val197

Purity:> 95% by HPLC

Concentration:

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.