

Recombinant Human UBE2T (N-6His)

Catalog No: C187

Description	Recombinant Human Ubiquitin-Conjugating Enzyme E2 T is produced by our E.coli expression system and the target gene encoding Met1-Val197 is expressed with a 6His tag at the N-terminus.
Source	E.coli
Alternative name	Ubiquitin-Conjugating Enzyme E2 T; Cell Proliferation-Inducing Gene 50 Protein; Ubiquitin Carrier Protein T; Ubiquitin-Protein Ligase T; UBE2T
Accession No.	Q9NPD8
Formulation	Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg).
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Background	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.

