

## 32-7165: Recombinant Human Ubiquitin-Conjugating Enzyme E2 T/UBE2T (N-6His)

**Gene :** UBE2T  
**Gene ID :** 29089  
**Uniprot ID :** Q9NPD8

### Description

Source: E.coli.  
MW :24.7kD.

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. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 2mM DTT, 10% Glycerol, pH 7.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHHSSGLVPRGSHMQRASRLKRELHMLATEPPPGITCWQDKDQMDDLRAQILGGANTPYEKGVF  
KLEVIIPERYPFEPPIRFLTPYHPNIDSAGRICLDVLLPKGAWRPSLNIATVLTSLIQLLMSEPNPDDPLMADISS  
EFKYNKPAFLKNARQWTEKHARQKQKADDEEMLDNLPEAGDSRVHNSTQKRKASQLVGIIEKKFHPDV

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.