

## UBE2T Human

**Description:**UBE2T Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 205 amino acids (1-197 a.a.) and having a molecular mass of 23.6 kDa. The UBE2T is fused to an 8 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques.

Catalog #:ENPS-513

For research use only.

**Synonyms:**EC 6.3.2.19, HSPC150, PIG50, Ubiquitin-conjugating enzyme E2 T, Ubiquitin-protein ligase T, Ubiquitin carrier protein T, Cell proliferation-inducing gene 50 protein, UBE2T.

**Source:**Escherichia Coli.

**Physical Appearance:**Sterile Filtered clear colorless solution.

**Amino Acid Sequence:**MQRASRLKRE LHMLATEPPP GITCWQDKDQ MDDLRAQILG  
GANTPYEKGV FKLEVIIPER YPFEPPIRQIRF LTPIYHPNID SAGRICLDVL KLPPKGAWRP  
SLNIATVLTS IQLLMSEPNP DDPLMADISS EFKYNKPAFL KNARQWTEKH ARQKQKADEE  
EMLDNLPEAG DSRVHNSTQK RKASQLVGIE KKFHPDVLEH HHHHH.

**Purity:**Greater than 95% as determined by SDS-PAGE.

**Formulation:**

The UBE2T solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol.

**Stability:**

UBE2T Recombinant Human although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

UBE2T is part of the E2 ubiquitin-conjugating enzyme family that participates in the protein degradation pathway. UBE2T catalyzes the ATP-dependent attachment of ubiquitin to target proteins, thus tagging them for subsequent destruction by the proteasome. UBE2T is an important factor of the Faconi anemia pathway of DNA damage repair and, upon self-inactivation, may negatively regulate the Faconi pathway.

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