
Product Data Sheet

Product Name: UBE2T Human
 Cat. No.: GP22368
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MQRASRLKRE LHMLATEPPP GITCWQDKDQ MDDLRAQILG GANTPYEKGV FKLEVIIPER YPFEPQIRF LTPIYHPNID SAGRICLDVL KLPPKGAWRP SLNIATVLTS IQLLMSEPNP DDPLMADISS EFKYNKPAFL KNARQWTEKH ARQKQKADEE EMLDNLPEAG DSRVHNSTQK RKASQLVGIE KKFHPDVLEH HHHHH.		
Formulation	The UBE2T solution contains 20mM Tris-HCl pH-8, 1mM DTT, and 10% glycerol.		

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.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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The UBE2T is fused to an 8 amino acid His Tag at C-Terminus and purified by proprietary chromatographic techniques.

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