
Product Data Sheet

Product Name: UBE2C Human
 Cat. No.: GP22345
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
Synonyms	Ubiquitin-conjugating enzyme E2 C; EC 6.3.2.19; Ubiquitin-protein ligase C; Ubiquitin carrier protein C; Ubc10; UBCH10; dj447F3.2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMASQNRD PAATSVAAAR KGAEPSSGAA RGPVGKRLQQ ELMTLMMSGD KGISAFPESD NLFKWVGTIH GAAGTVYEDL RYKLSLEFPS GYPYNAPTvk FLTPCYHPNV DTQGNICLDI LKEKWSALYD VRTILLSIQS LLGEPNIDSP LNTHAAELWK NPTAFKKYLQ ETYSKQVTSQ EP		
Formulation	UBE2C protein 1mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.15M NaCl, 1mM DTT and 10% Glycerol.		

Introduction

Ubch10 is an essential mediator of mitotic destruction events and cell cycle progression. It catalyzes the destruction of cyclins A and B in conjunction with the anaphase-promoting complex, and therefore, plays an important role in the control of the cell exit from mitosis. This activity is essential at the end of mitosis for the inactivation of their partner kinase Cdc2 and exit from mitosis into G1 of the next cell cycle. In addition, Ubch10 bears homology to yeast PAS2, a gene that is essential for biogenesis of peroxisomes. Ubch10 is useful for in vitro ubiquitinylation reactions.

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

UBE2C Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 202 amino acids (1-179) and having a molecular mass of 22.1 kDa. The

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

Product Data Sheet

UBE2C is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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