
Product Data Sheet

Product Name: UBE2E1 Human
 Cat. No.: GP22351
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin carrier protein E1; Ubiquitin-conjugating enzyme E2E 1 (homologous to yeast UBC4/5); Ubiquitin-protein ligase E1; UBCH6; EC 6.3.2.19.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMDDDSR ASTSSSSSS SNQQTEKETN TPKKESKVS MSKNSKLLST SAKRIQKELA DITLDPPPNC SAGPKGDNIY EWRSTILGPP GSVYEGGVFF LDITFTPEYP FKPPKVTFRY RIYHCNINSQ GVICLDILKD NWSPALTISK VLLSICSLLT DCNPADPLVG SIATQYMTNR AEHDRMARQW TKRYAT		
Formulation	The UBE2E1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.		

Introduction

UBE2E1 belongs to the E2 ubiquitin-conjugating enzyme family. UBE2E1 accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. UBE2E1 catalyzes the covalent attachment of ISG15 to other proteins. UBE2E1 mediates the selective degradation of short-lived and abnormal proteins. In vitro, UBE2E1 also catalyzes 'Lys-48'-linked polyubiquitination.

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

UBE2E1 Human Recombinant produced in E. coli is a single polypeptide chain containing 216 amino acids (1-193) and having a molecular mass of 23.8 kDa. UBE2E1 is fused to a

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

23 amino acid His-tag at N-terminus & 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