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## Product Data Sheet

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Product Name: UBE2G2 Human  
 Cat. No.: GP22355  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin-conjugating enzyme E2 G2; E2 ubiquitin-conjugating enzyme G2; Ubiquitin carrier protein G2; Ubiquitin-protein ligase G2; UBE2G2; Ubiquitin-Conjugating Enzyme E2G2; Ubiquitin-conjugating enzyme E2 G2 isoform 1; UBC7.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGTALK RLMAEYKQLT LNPPEGIVAG PMNEENFFEW EALIMGPEdT CFEGVFPAl LSFPLDYPLS PPKMRFTCEM FHPNIYPDGR VCISILHAPG DDPMGYESSA ERWSPVQSVE KILLSVVSML AEPNDESGAN VDASKMWRDD REQFYKIAKQ IVQKSLGL.		
Formulation	UBE2G2 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.		

### Introduction

Ubiquitin-Conjugating Enzyme E2G2 (UBE2G2) is a protein coding gene which is a part of the E2 ubiquitin-conjugating enzyme family. UBE2G2 accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to various proteins. UBE2G2 is ubiquitously expressed mainly in adult muscle. UBE2G2 also takes part in endoplasmic reticulum-associated degradation (ERAD).

### 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

UBE2G2 Human Recombinant produced in E.Coli is a single, non-glycosylated

**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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polypeptide chain containing 188 amino acids (1-165a.a.) and having a molecular mass of 21kDa.UBE2G2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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