

## **Product datasheet for TP301159**

## OriGene Technologies, Inc.

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## **UBE2G1 (NM 003342) Human Recombinant Protein**

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ubiquitin-conjugating enzyme E2G 1 (UBC7 homolog, yeast)

(UBE2G1), 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC201159 representing NM\_003342

or AA Sequence: Red=Cloning site Green=Tags(s)

MTELQSALLLRRQLAELNKNPVEGFSAGLIDDNDLYRWEVLIIGPPDTLYEGGVFKAHLTFPKDYPLRPP KMKFITEIWHPNVDKNGDVCISILHEPGEDKYGYEKPEERWLPIHTVETIMISVISMLADPNGDSPANVD

AAKEWREDRNGEFKRKVARCVRKSQETAFE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK

Predicted MW: 19.3 kDa

**Concentration:**  $>0.05 \mu g/\mu L$  as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 003333

**Locus ID:** 7326

UniProt ID: P62253





RefSeq Size: 4208

Cytogenetics: 17p13.2 RefSeq ORF: 510

Synonyms: E217K; UBC7; UBE2G

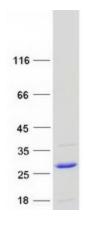
**Summary:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting

abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitinconjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided

by RefSeq, Jul 2008]

Parkinson's disease, Ubiquitin mediated proteolysis **Protein Pathways:** 

## **Product images:**



Coomassie blue staining of purified UBE2G1 protein (Cat# TP301159). The protein was produced from HEK293T cells transfected with UBE2G1 cDNA clone (Cat# [RC201159]) using

MegaTran 2.0 (Cat# [TT210002]).