

Recombinant human UBE2G1 protein

Catalog Number: ATGP2890

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-170aa

UniProt No.

P62253

NCBI Accession No.

NP_003333

Alternative Names

Ubiquitin-conjugating enzyme E2 G1, E2 ubiquitin-conjugating enzyme G1, E217K, UBC7, Ubiquitin carrier protein G1, Ubiquitin-protein ligase G1, UBE2G

PRODUCT SPECIFICATION

Molecular Weight

21.9 kDa (193aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing, 30% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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. uE2G1 is a member of the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. Recombinant human

Recombinant human UBE2G1 protein

Catalog Number: ATGP2890

uBE2G1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSMTQLQSA LLLRRQLAEL NKNPVEGFSA GLIDDNDLYR WEVLIIGPPD TLYEGGVFKA
HLTFPKDYPL RPPKMKFITE IWHPNVDKNG DVCISILHEP GEDKYGYEKP EERWLPPIHTV ETIMISVISM LADPNGDSPA
NVDAAKEWRE DRNGEFKRKV ARCVRKSQET AFE

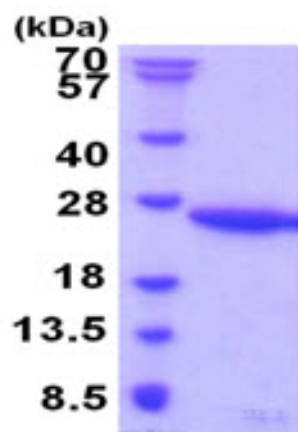
General References

Shibata,E., et al. (2011) Mol. Cell. Biol. 31 (15), 3136-3145

Hassink,G., et al. (2005) Biochem. J. 388 (PT 2), 647-655

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)