

UBE2G2, 1-165aa, Human, His tag, E.coli

Cat.NO.: TP04386

3th Edition

Synonyms:Ubiquitin-conjugating enzyme E2 G2 isoform 1 , UBC7

Description:UBE2G2 also known as Ubiquitin-conjugating enzyme E2 G2 isoform 1. The modification of UBE2G2 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 ubiquitin-conjugating enzyme family. UBE2G2 is ubiquitously expressed, with high expression seen in adult muscle. Recombinant human UBE2G2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:21kDa (188aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAGTALKRLMAEYKQLTLNPPEGIVAGPMNEENFFEWALIMGPEDTCFEF
GVFPAILSFLDYPLSPPKMRFTCEMFHPNIYPDGRVCISILHAPGDDPMGYESSAERWSPVQSVEKILLSVVSMLA
EPNDESGANVDASKMWRDDREQFYKIAKQIVQKSLGL

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.