

AR51939PU-S**Human UBE2G2 (1-165, His-tag) - Purified**

Alternate names:	Ubiquitin carrier protein G2, Ubiquitin-conjugating enzyme E2 G2, Ubiquitin-protein ligase G2
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by absorbance at 280nm)
Background:	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.
Uniprot ID:	P60604
NCBI:	NP_003334
GeneID:	7327
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant human UBE2G2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SSGLVPRGSH MGS MAGTALK RLMAEYKQLT LNPPEGIVAG PMNEENFFEW EALIMGPEDT CFEEGVFPPI LSFPLDYPLS PPKMRFTCEM FHPNIYPDGR VCISILHAPG DDPMGYESSA ERWSPVQSVE KILLSVVSML AEPNDESGAN VDASKMWRDD REQFYKIAKQ IVQKSLGL Molecular weight: 21 kDa (188aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Liu W., et al. (2014) EMBO J. 33 (1), 46-61 Spandl J., et al. (2011) J. Biol. Chem. 286 (7), 5599-5606

Pictures:

