

Recombinant human UBE2Q2 protein

Catalog Number: ATGP3121

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-375aa

UniProt No.

Q8WVN8

NCBI Accession No.

NP_775740

Alternative Names

Ubiquitin-conjugating enzyme E2 Q2 isoform1, UB2Q2, Ubiquitin carrier protein Q2, Ubiquitin conjugating enzyme E2Q, Ubiquitin-protein ligase Q2

PRODUCT SPECIFICATION

Molecular Weight

45.2 kDa (398aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by absorbance at 280nm)

Formulation

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

Purity

> 85% 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

UBE2Q2 also known as Ubiquitin-conjugating enzyme E2 Q2 isoform1. UBE2Q2 Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes Lys-48-linked polyubiquitination. This protein detected in hypopharyngeal head and neck squamous cell carcinoma, in tumor masses and invasive epithelium. It belongs to the ubiquitin-conjugating enzyme family. Recombinant human UBE2Q2, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MGSMSVSLK AELKFLASIF DKNHERFRIV SWKLDELHCQ FLVPQQGSPH SLPPPLTLHC
NITESYPSSS PIWFVDSERP NLTSVLERLE DTKNNNLLRQ QLKWLICELC SLYNLPKHLV VEMLDQPLPT GQNGTTEEV
SEEEEEEEEM AEDIEDLDHY EMKEEPIISG KKSEDEGIEK ENLAILEKIR KTQRQDHLNG AVSGSVQASD RLMKELRDIY
RSQSYKTGIY SVELINDSLY DWHVKLQKVD PDSPLHSDLQ ILKEKEGIEY ILLNFSFKDN FPFDPFVVRV VLPVLSGGYV
LGGGALCMEL LTKQGWSSAY SIESVIMQIN ATLVKGGKARV QFGANKNQYN LARAQQSYNS IVQIHEKNGW YTPPKEDG

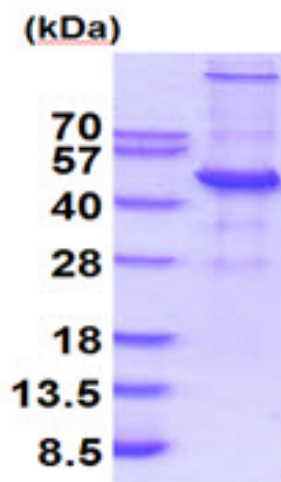
General References

Seghatoleslam A., et al. (2012) Arch Iran Med 15 (6), 352-355

Nikseresht M., et al. (2010) Cancer Genet. Cytogenet. 197 (2), 101-106

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)