

UBE2Q2,1-375aa, Human, His tag, E.coli

Cat.NO.: TP04393

3th Edition

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

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 chromatography techniques.

Form: Liquid. In Phosphate Buffer Saline (pH7.4) containing 30% glycerol, 1mM DTT

Molecular Weight: 45.2kDa (398aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMVSGLKAELKFLASIFDKNHERFRIVSWKLDLHCQFLVPQQGSPHSLPPP
LTLHCNITESYPSSSPIWVFDSEDPNLTSVLERLEDTKNNLLRQQLKWLICELCSLYNLPKHLDVEMLDQPLPTGQ
NGTTEEVTSSEEEEEEEEMAIEDLDHYEMKEEPIISGKKSEDEGIEKENLAILEKIRKTQRQDHLNGAVSGSVQAS
DRLMKELRDIYRSQSYKTGIYSVELINDSLYDWHVKLQKVDPDSPLHSDLQILKEKEGIEYILLNFSFKDNFPDPPFV
RVVLPVLSGGYVLGGGALCMELLTKQGWSSAYSIESVIMQINATLVKGGKARVQFGANKNQYNLARAQQSYNSIVQI
HEKNGWYTPPKEDG

Purity: > 95% by HPLC

Concentration: 0.5mg/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.