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**Product Data Sheet**


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Product Name: UBE2Q2 Human

Cat. No.: GP22365

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ubiquitin-conjugating enzyme E2 Q2; UBE2Q2; E2 ubiquitin-conjugating enzyme Q2; Ubiquitin carrier protein Q2; Ubiquitin-protein ligase Q2; Ubiquitin Conjugating Enzyme E2Q2; Ubiquitin-conjugating enzyme E2 Q2 isoform1.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSVSGLK AELKFLASIF DKNHERFRIV SWKLDELHCQ FLVPQQGSPH SLPPPLTLHC NITESYPSSS PIWFVDESDP NLTSVLERLE DTKNNLLRQ QLKWLICELC SLYNLPKHL D VEMLDQPLPT GQNGTTEEV T S EEEEEEEEM AEDIEDLDHY EMKEEEPISG KKSEDEGIEK ENLAILEKIR KTQRQDHLNG AVSGSVQASD RLMKELRDIY RSQSYKTGIY SVELINDSLY DWHVKLQKVD PDSPLHSDLQ ILKEKEGIEY ILLNFSFKDN FPFDPFVVRV VLPVLSGGYV LGGALCMEL LTKQGWSSAY SIESVIMQIN ATLVK GKARV QFGANKNQYN LARAQQSYNS IVQIHEKNGW YTPPKEDG.		
Formulation	UBE2Q2 protein solution (0.5mg/ml) containing Phosphate Buffer Saline (pH7.4), 30% glycerol and 1mM DTT.		

**Introduction**

UbiquitinConjugating Enzyme E2Q2 (UBE2Q2) is a protein coding gene which receives ubiquitin from the E1 complex and catalyzes its covalent attachment to various proteins. UBE2Q2 which is a part of the ubiquitin-conjugating enzyme family is detected in hypopharyngeal head and neck squamous cell carcinoma and in tumor masses.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Background

UBE2Q2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 398 amino acids (1-375a.a.) and having a molecular mass of 45.2kDa. UBE2Q2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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