

## Product datasheet for **TP307977**

### UBC3B (UBE2R2) (NM\_017811) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-conjugating enzyme E2R 2 (UBE2R2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207977 representing NM_017811 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAQQQMTSSQKALMLELKSLQEEPVEGFRITLVDESPLYNWEVAIFGPPNTLYEGGYFKAHIKFPIDYPY  
SPPTFRFLTKMWHPNYENGDVCSILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNEPNTFSPA  
NVDASVMFRKWRDSKGDKEYAEIIRKQVSATKAEAEKDGVKVPTTLAEYCIKTKVPSNDNSSDLLYDDL  
YDDIDDEDEEEEDADCYDDDDSGNEES

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	27 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_060281</a>
Locus ID:	54926
UniProt ID:	<a href="#">Q712K3</a>



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RefSeq Size: 4457

Cytogenetics: 9p13.3

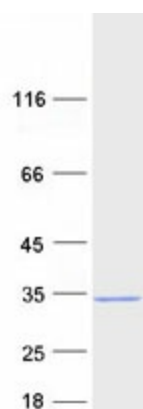
RefSeq ORF: 714

Synonyms: CDC34B; E2-CDC34B; UBC3B

**Summary:** Protein kinase CK2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This gene encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. [provided by RefSeq, Jul 2008]

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified UBE2R2 protein (Cat# TP307977). The protein was produced from HEK293T cells transfected with UBE2R2 cDNA clone (Cat# [RC207977]) using MegaTran 2.0 (Cat# [TT210002]).