

## Product datasheet for **TP720963**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2R 2 (UBE2R2)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Ser238
Tag:	N-His
Predicted MW:	29.3 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060281</a>
Locus ID:	54926
UniProt ID:	<a href="#">Q712K3</a>
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]



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Protein Pathways: Ubiquitin mediated proteolysis