

## Product datasheet for PH307977

### UBC3B (UBE2R2) (NM\_017811) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UBE2R2 MS Standard C13 and N15-labeled recombinant protein (NP_060281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207977
Predicted MW:	27 kDa
Protein Sequence:	>RC207977 representing NM_017811 Red=Cloning site Green=Tags(s)  MAQQQMTSSQKALMLELKSLEQEEPVEGFRITLVDESPLYNWEVAIFGPPNTLYEGGYFKAHIKFPIDYPY SPPTFRFLTKMWHPNIIYENGDVCSILHPPVDDPQSGELPSERWNPTQNVRTILLSVISLLNEPNTFSPA NVDASVMFRKWRDSKGDKEYAEIIRKQVSATKAEAEKDGVKVPTTLAEYCIKTKVPSNDNSSDLLYDDL YDDIDDEDEEEEDADCYDDDDSGNEES  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_060281</a>
RefSeq Size:	4457
RefSeq ORF:	714
Synonyms:	CDC34B; E2-CDC34B; UBC3B
Locus ID:	54926
UniProt ID:	<a href="#">Q712K3</a>



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**Cytogenetics:** 9p13.3

**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]).