

UBE2R2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP19755c**Specification****UBE2R2 Blocking Peptide (Center) - Product Information**

Primary Accession [Q712K3](#)
Other Accession [Q29503](#), [Q6ZWZ2](#),
[NP_060281.2](#)

UBE2R2 Blocking Peptide (Center) - Additional Information

Gene ID 54926

Other Names

Ubiquitin-conjugating enzyme E2 R2,
Ubiquitin carrier protein R2,
Ubiquitin-conjugating enzyme E2-CDC34B,
Ubiquitin-protein ligase R2, UBE2R2,
CDC34B, UBC3B

Target/Specificity

The synthetic peptide sequence is selected from aa 156-169 of HUMAN UBE2R2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UBE2R2 Blocking Peptide (Center) - Protein Information

Name UBE2R2

Synonyms CDC34B, UBC3B

UBE2R2 Blocking Peptide (Center) - Background

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.

UBE2R2 Blocking Peptide (Center) - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :
Yoshida, T., et al. Int. J. Mol. Med. 25(4):649-656(2010)
Oguri, M., et al. Am. J. Hypertens. 23(1):70-77(2010)
Ferreira, M.A., et al. Nat. Genet. 40(9):1056-1058(2008)
Humphray, S.J., et al. Nature 429(6990):369-374(2004)

Function

Accepts ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. In vitro catalyzes monoubiquitination and 'Lys-48'-linked polyubiquitination. May be involved in degradation of katenin.

**UBE2R2 Blocking Peptide (Center) -
Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)