Ubiquitin-Conjugating Enzyme E2 R2 (UBE2R2) Rabbit Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-conjugating enzyme E2 R2 (UBE2R2), Recombinant Protein
Full Product Name	Recombinant Rabbit Ubiquitin-conjugating enzyme E2 R2 (UBE2R2)
Product Gene Name	UBE2R2 recombinant protein
Product Synonym Gene Name	UBE2R2
Sequence	MAQQQMTSSQ KALMLELKSL QEEPVEGFRI TLVDESDLYN WEVAIFGPPN TLYEGGYFKA HIKFPIDYPY SPPTFRFLTK MWHPNIYENG DVCISILHPP VDDPQSGELP SERWNPTQNV RTILLSVISL LNEPNTFSPA NVDASVMFRK WRDSKGKDKE YAEIIRKQVS ATKAEAEKDG VKVPTTLAEY CIKTKVPSND NSSDLLYDDL YDDDIDDEDE EEEDADCYDD DDSGNEES
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	27,166 Da
Sequence Positions	1-238, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q29503
Species	Rabbit
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBE2R2 recombinant protein	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.
Other Notes	Small volumes of UBE2R2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBE2R2 purchase	MBS1285368 is a recombinant protein targeting UBE2R2. Also known as Recombinant Rabbit Ubiquitin-conjugating enzyme E2 R2 (UBE2R2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE2R2. It may not necessarily be applicable to this product.

NCBI GI #	655600008

NCBI GeneID	100009436
NCBI Accession #	XP_008273222.1
UniProt Primary Accession #	Q29503
UniProt Related Accession #	Q29503
GenBank Nucleotide #	XM_008275000.2
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 R2
NCBI Official Symbol	UBE2R2
NCBI Official Synonym Symbols	CDC34B
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 R2
UniProt Synonym Protein Names	E2 ubiquitin-conjugating enzyme R2; Ubiquitin carrier protein R2; Ubiquitin-conjugating enzyme E2-CDC34B; Ubiquitin-protein ligase R2
Protein Family	Ubiquitin-conjugating enzyme
UniProt Gene Name	UBE2R2
UniProt Synonym Gene Names	CDC34B
NCBI Protein Information	ubiquitin-conjugating enzyme E2 R2
UniProt Comments for UBE2R2	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.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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