Ubiquitin-Protein Ligase E3C (UBE3C) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-protein ligase E3C (UBE3C), Recombinant Protein
Full Product Name	Recombinant Human Ubiquitin-protein ligase E3C (UBE3C) , partial
Product Gene Name	UBE3C recombinant protein
Product Synonym Gene Name	UBE3C
Sequence	SPENEPDLKK RIRVHLLNAH GLDEAGIDGG GIFREFLNEL LKSGFNPNQG FFKTTNEGLL YPNPAAQMLV GDSFARHYYF LGRMLGKALY ENMLVELPFA GFFLSKLLGT SADVDIHHLA SLDPEVYKNL LFLKSYEDDV EELGLNFTVV NNDLGEAQVV ELKFGGKDIP VTSANRIAYI HLVADYRLNR QIRQHCLAFR QGLANVVSLE WLRMFDQQEI QVLISGAQVP ISLEDLKSFT NYSGGYSADH PVIKVFWRVV EGFTDEEKRK LLKFVTSCSR PPLLGFKELY PAFCIHNGGS DLERLPTAST CMNLLKLPEF YDETLLRSKL LYAIECAAGF ELS
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	45,845 Da
Sequence Positions	741-1083aa. Partial, include HECT Domain
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.
OMIM	614454
3D Structure	ModBase 3D Structure for Q15386
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UBE3C recombinant protein	MBS1380255 is a recombinant protein targeting UBE3C. Also known as Recombinant Human Ubiquitin-protein ligase E3C (UBE3C) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UBE3C 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBE3C. It may not necessarily be applicable to this product.

NCBI GI #	187960100
NCBI GeneID	9690
NCBI Accession #	NP_055486.2
UniProt Primary Accession #	Q15386

UniProt Secondary Accession #	Q8TC15; Q96CR4; Q9UDU3; A4D235; A6NCP3
UniProt Related Accession #	Q15386
GenBank Nucleotide #	NM_014671.2
NCBI Official Full Name	ubiquitin-protein ligase E3C
NCBI Official Synonym Full Names	ubiquitin protein ligase E3C
NCBI Official Symbol	UBE3C
NCBI Official Synonym Symbols	HECTH2
UniProt Protein Name	Ubiquitin-protein ligase E3C
UniProt Synonym Protein Names	HECT-type ubiquitin transferase E3C; HectH2
Protein Family	Ubiquitin-protein ligase
UniProt Gene Name	UBE3C
UniProt Synonym Gene Names	KIAA0010; KIAA10
NCBI Protein Information	ubiquitin-protein ligase E3C
UniProt Comments for UBE3C	E3 ubiquitin-protein ligase that accepts ubiquitin from the E2 ubiquitin-conjugating enzyme UBE2D1 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Can assemble unanchored poly-ubiquitin chains in either 'Lys-29'- or 'Lys-48'-linked polyubiquitin chains. Has preference for 'Lys-48' linkages. It can target itself for ubiquitination in vitro and may promote its own degradation in vivo.
Research Articles on UBE3C	**1.** UBE3C promotes melanoma progression, possibly by inducing epithelial-mesenchymal transition in melanoma cells
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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