

Recombinant Human UBE3C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. UBE3C-2458H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE3C MS Standard C13 and N15-labeled recombinant protein (NP_055486) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	123.7 kDa
AA Sequence	MFSFEGDFKTRPKVSLGGASRKEEKASLLHRTQEERRKREEERRRLKNAIISFIRG YRDRKQQYSIQRSAFDRCATLSQSGGAFPIANGPNLTLLVRQLLFFYKQNEDSKRLI WLYQNLIKHSSLFVKQLDGSERLTCLFQIKRLMSLCCRLLQNCNDDSLNVALPMRML EVFSSENTYLPVLQDASYVVSVEIQILHYMIHNGYYRSLYLLINSKLPSSIEYSDLSRV PIAKILLENVLKPLHFTYNSCPEGARQQVFTAFTEEFLAAPFTDQIFHFIIPALADAQTV FPYEPFLNALLIESRCSRKSGGAPWLFYFVLTVGENYLGALSEEGLLVYLRVLQTF SQLPVSPASASCHDSASDSEEESEEEADKPSSPEDGRLSVSYITEECLKKLDTKQQT N TLLNLVWRDSASEEVFTTMASVCHTMLVQHRMMVPKVRLLYSLAFNARFLRHLWFL

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ISSMSTRMITGSMVPLLQVISRGSPMSFEDSSRIIPLFYLFSSLSHSLISIHNEFFGD
 PIEVVGQRQSSMMPFTLEELIMLSRCLRDACLGIIKLAYPETKPEVREEYITAFQSIGV
 TTSSEMQQCIQMEQKRWIQLFKVITNLVKMLKSRDTRRNFCPPNHWLSEQEDIKAD
 KVTQLYVPASRHVWRFRMRGRIGPLQSTLDVGLESPPLSVSEERQLAVLTLPFVVP
 FEERVKIFQRLIYADKQEVQGDGPFLDGINVTIRRNIIYEDAYDKLSPENEPDLKKRIR
 VHLLNAHGLDEAGIDGGGIFREFLNELLKSGFNPNQGFFKTTNEGLLYPNPAAQMLV
 GDSFARHYYFLGRMLGKALYENMLVELPFAGFFLSKLLGTSADVDIHHLASLDPEVY
 KNLLFLKSYEDDVEELGLNFTVVNNDLGEAQVVELKFGGKDIPVTSANRIAYIHLVAD
 YRLNRQIRQHCLAFRQGLANVVSLEWLRMFDQQEIQVLISGAQVPISLEDLKSFTNY
 SGGYSADHPVIKVFWRVVEGFTDEEKRLKKFVTSCSRPPLLGFKELYPAFCIHNGG
 SDLERLPTASTCMNLLKLPEFYDETLLRSKLLYAIECAAGFELSTRTRPLEQKLISEED
 LAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name UBE3C ubiquitin protein ligase E3C [Homo sapiens (human)]

Official Symbol UBE3C

Synonyms UBE3C; ubiquitin protein ligase E3C; ubiquitin-protein ligase E3C; KIAA10; ubiquitin-

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protein isopeptide ligase (E3); HECTH2; KIAA0010;

Gene ID 9690

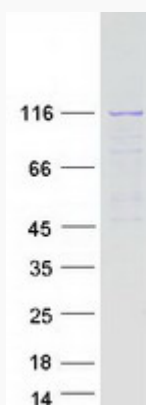
mRNA Refseq NM_014671

Protein Refseq NP_055486

MIM 614454

UniProt ID Q15386

SDS-PAGE



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