

Product datasheet for TP315110

UBE3C (NM_014671) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human ubiquitin protein ligase E3C (UBE3C), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC215110 representing NM_014671
Red=Cloning site **Green**=Tags(s)

MFSFEGDFKTRPKVSLGGASRKEEKASLLHRTQEERRKREEERRRLKNAIIIIQSFIRGYRDRKQQYSIQR
SAFDRCATLSQSGGAFPIANGPNLTLVLRQLFFYKQNEDESKRLIWLQNLIKHSSLFVKQLDGSERLTC
LFQIKRLMSLCCRLLQNCNDDSLNVALPMRMLLEVFSSENTYLPVLQDASYVVSIEQILHYMIHNGYYS
LYLLINSKLPSSIEYSDLSRVPIAKILLENVLKPLHFTYNSCEGARQQVFTAFTTEEFLAAPTQDQIFHF
IIPALADAQTVFPYEPFLNALLIESRCSRKSGGAPWLFYFVLTGGENYLGALSEEGLLVYLRVLQTFLS
QLPVSPASASCHDSASDSEEESEEADKPSSPEDGRLSVSYITEECLKKLDTKQTNTLLNLVWRDSASEE
VFTTMASVCHTMLMVQHRMMVPKVRLLYSLAFNARFLRHLWFLISSMSTRMITGSMVPLLQVISRGSPMSF
EDSSRIPLFYLFSSLSLISHDNEFFGDPFIEVVGQRQSSMMPFTLEELIMLSRCLRDAACLGIIKLA
YPETKPEVREEYITAFQSIGVTTSEMQQCIQMEQKRWIQLFKVITNLVKMLKSRDTRRNFCPPNHWSLSE
QEDIKADKVTQLYVPASRHVWRFRMGRIGPLQSTLDVGLSPPLSVSEERQLAVLTELFPVVPFEERVK
IFQRLIYADKQEVQGDGPFLDGINVTIRRNIIYEDAYDKLSPENEPDLKKRIRVHLLNAHGLDEAGIDGG
GIFREFLNELLKSGFNPNQGFFKTTNEGLLYPNPAAQMLVGDSEFARHYFLGRMLGKALYENMLVELPFA
GFFLSKLLGTSADVDIHHLASLDPEVYKNLLFLKSYEDDVEELGLNFTVWNNDLGEAQVVELKFGGKDIP
VTSANRIAYIHLVADYRLNRQIRQHCLAFRQGLANVVSLEWLRMFDQQEIQVLISGAQVPISLEDLKSFT
NYSGGYSADHPVIKVFWRVVEGFTDEEKRLLKFVTSCSRPPLLGFKELYPAFCIHNGGSDLERLPTAST
CMNLLKLPFYDETLRSLKLLYIECAAGFELS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

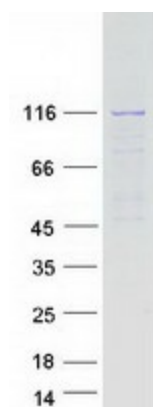
Tag: C-Myc/DDK
Predicted MW: 123.7 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055486
Locus ID:	9690
UniProt ID:	Q15386
RefSeq Size:	5160
Cytogenetics:	7q36.3
RefSeq ORF:	3249
Synonyms:	HECTH2
Summary:	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.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome
Protein Pathways:	Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE3C protein (Cat# TP315110). The protein was produced from HEK293T cells transfected with UBE3C cDNA clone (Cat# [RC215110]) using MegaTran 2.0 (Cat# [TT210002]).