# UBE2L6 cDNA Clone – Ubiquitin-Conjugating Enzyme E2L 6 (Human)

## PRODUCT OVERVIEW

| | |
|---|---|
| **Product Name** | UBE2L6, cDNA Clone |
| **Full Product Name** | UBE2L6 cDNA Clone |
| **Product Gene Name** | UBE2L6 cdna clone |
| **Sequence** | atgatggcga gcatgcgagt ggtgaaggag ctggaggatc ttcagaagaa gcctccccca tacctgcgga acctgtccag cgatgatgcc aatgtcctgg tgtggcacgc tctcctccta cccgaccaac ctccctacca cctgaaagcc ttcaacctgc gcatcagctt cccgccggag tatccgttca agcctcccat gatcaaattc acaaccaaga tctaccaccc caacgtggac gagaacggac agatttgcct gcccatcatc agcagtgaga actggaagcc ttgcaccaag acttgccaag tcctggaggc cctcaatgtg ctggtgaata gaccgaatat cagggagccc ctgcggatgg acctcgctga cctgctgaca cagaatccgg agctgttcag aaagaatgcc gaagagttca ccctccgatt cggagtggac cggccctcct aa |
| **Molecular Weight** | 10,086 Da |
| **OMIM** | 603890 |
| **Vector** | pENTR223.1 or pUC |
| **Clone Sequence Report** | Provided with product shipment |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for UBE2L6 cdna clone** | MBS1276216 is a cDNA clone targeting UBE2L6. |
| **Other Notes** | Small volumes of UBE2L6 cdna clone 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 UBE2L6. It may not necessarily be applicable to this product.

| | |
|---|---|
| **NCBI GI #** | 21595348 |
| **NCBI GeneID** | 9246 |
| **NCBI Accession #** | BC032491 |
| **UniProt Secondary Accession #** | Q8N5D8; Q9UEZ0; A6NDM6; A8MY53 |
| **UniProt Related Accession #** | O14933 |
| **NCBI Official Full Name** | Homo sapiens ubiquitin-conjugating enzyme E2L 6, mRNA |
| **NCBI Official Synonym Full Names** | ubiquitin conjugating enzyme E2 L6 |
| **NCBI Official Symbol** | UBE2L6 |
| **NCBI Official Synonym Symbols** | RIG-B; UBCH8 |
| **UniProt Protein Name** | Ubiquitin/ISG15-conjugating enzyme E2 L6 |
| **UniProt Synonym Protein Names** | E2 ubiquitin-conjugating enzyme L6; Retinoic acid-induced gene B protein; RIG-B; UbcH8; Ubiquitin carrier protein L6; Ubiquitin-protein ligase L6 |
| **Protein Family** | Ubiquitin/ISG15-conjugating enzyme |
| **UniProt Gene Name** | UBE2L6 |

| | |
|---|---|
| **UniProt Synonym Gene Names** | UBCH8; RIG-B |
| **UniProt Entry Name** | UB2L6_HUMAN |
| **NCBI Protein Information** | ubiquitin/ISG15-conjugating enzyme E2 L6 |
| **NCBI Summary for UBE2L6** | The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s). This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2011] |
| **UniProt Comments for UBE2L6** | UBE2L6: Catalyzes the covalent attachment of ubiquitin or ISG15 to other proteins. Functions in the E6/E6-AP-induced ubiquitination of p53/TP53. Promotes ubiquitination and subsequent proteasomal degradation of FLT3. Belongs to the ubiquitin-conjugating enzyme family. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: EC 6.3.2.19; Ubiquitin ligase; Ligase; Ubiquitin conjugating system<br><br>Chromosomal Location of Human Ortholog: 11q12<br><br>Cellular Component: cytosol; nucleoplasm<br><br>Molecular Function: protein binding; ubiquitin binding; ubiquitin-protein ligase activity<br><br>Biological Process: bypass DNA synthesis; cellular protein metabolic process; negative regulation of interferon type I production; protein modification process |
| **Research Articles on UBE2L6** | **1.** study reports that UBCH8 and UBE2G1 and UBE2G2 cooperate with CRL4Cdt2 in promoting the polyubiquitylation and subsequent degradation of p21 and Cdt1, respectively |
| **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. |
| **Disclaimer** | While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice.<br><br>It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information. |
| **Product Note** | Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details. |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures.

**MyBioSource** | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/cdna-clone/ube2l6/1276216