# CLYBL cDNA Clone – Citrate Lyase Beta Like (Human)

## PRODUCT OVERVIEW

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| **Product Name** | CLYBL, cDNA Clone |
| **Full Product Name** | CLYBL cDNA Clone |
| **Product Gene Name** | CLYBL cdna clone |
| **Sequence** | atggcgctac gtctgctgcg gagggcggcg cgcggagctg cggcggcggc gctgctgagg ctgaaagcgt ctctagcagc tgatatcccc agacttggat atagttcctc atcccatcac aagtacatcc cccggagggc agtgctttat gtacctggaa atgatgaaaa gaaaataaag aagattccat ccctgaatgt agattgtgca gtgctcgact gtgaggatgg agtggctgca aacaaaaaga atgaagctcg actgagaatt gtaaaaactc ttgaagacat tgatctgggc cctactgaaa aatgtgtgag agtcaactca gtttccagtg gtctggcgga agaagaccta gagacccttt tgcaatcccg ggtccttcct tccagcctga tgctaccaaa ggtggaaagt cctgaagaaa tccagtggtt tgcagacaaa ttttcattcc acttaaaagg ccgaaaactt gaacaaccaa tgaatttaat ccctttgtg gaaactgcaa tgggtttgct caattttaag gcagtgtgtg aagaaaccct gaaggtcggg cctcaagtag gtctctttct agatgcagtc gtttttggag gagaagactt tcgagccagc ataggtgcaa caagtagtaa agaaaccctg gatattctct acgcccggca aaagattgtt gtcatagcga aagcctttgg tctccaagcc gtagatctgg tgtacattga ctttcgagat ggagctgggc tgcttagaca gtcacgagaa ggagccgcca tgggcttcac tggtaagcag gtgattcacc ctaaccaaat tgccgtggtc caggagcagt tttctccttc ccctgaaaaa attaagtggg ctgaagaact gattgctgcc tttaaagaac atcaacaatt aggaaagggg gcctttactt tccaagggag tatgatcgac atgccattac tgaagcaggc ccagaacact gttacgcttg ccacctccat caaggaaaaa tga |
| **Molecular Weight** | 33,409 Da |
| **OMIM** | 609686 |
| **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 CLYBL cdna clone** | MBS1275659 is a cDNA clone targeting CLYBL. |
| **Other Notes** | Small volumes of CLYBL 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 CLYBL. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 21706437 |
| **NCBI GeneID** | 171425 |
| **NCBI Accession #** | BC034360 |
| **UniProt Secondary Accession #** | Q5W0F7; Q8TDH8 |
| **NCBI Official Full Name** | Homo sapiens citrate lyase beta like, mRNA |
| **UniProt Protein Name** | Citrate lyase subunit beta-like protein, mitochondrial |
| **UniProt Synonym Protein Names** | Beta-methylmalate synthase (EC:2.3.3.- |
| **UniProt Gene Name** | CLYBL |
| **UniProt Synonym Gene Names** | CLB; Citrate lyase beta-like |
| **UniProt Entry Name** | CLYBL_HUMAN |

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| **UniProt Comments for CLYBL** | CLYBL: Belongs to the HpcH/HpaI aldolase family. Citrate lyase beta subunit-like subfamily. 2 isoforms of the human protein are produced by alternative splicing.<br><br>Protein type: EC 4.1.-.-; Mitochondrial; Lyase<br><br>Chromosomal Location of Human Ortholog: 13q32<br><br>Molecular Function: magnesium ion binding; malate synthase activity |
| **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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