

Product datasheet for **RC224242L3V**

CHREBP (MLXIPL) (NM_032954) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CHREBP (MLXIPL) (NM_032954) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CHREBP |
| Synonyms: | bHLHd14; CHREBP; MIO; MLX; MONDOB; WBSCR14; WS-bHLH |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_032954 |
| ORF Size: | 2493 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC224242). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_032954.2 |
| RefSeq Size: | 3225 bp |
| RefSeq ORF: | 2496 bp |
| Locus ID: | 51085 |
| UniProt ID: | Q9NP71 |
| Cytogenetics: | 7q11.23 |
| MW: | 90.5 kDa |



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Gene Summary:

This gene encodes a basic helix-loop-helix leucine zipper transcription factor of the Myc/Max/Mad superfamily. This protein forms a heterodimeric complex and binds and activates, in a glucose-dependent manner, carbohydrate response element (ChoRE) motifs in the promoters of triglyceride synthesis genes. The gene is deleted in Williams-Beuren syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at chromosome 7q11.23. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015]