

Product datasheet for **RC202238L3V**

MYCBP (NM_012333) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MYCBP (NM_012333) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MYCBP |
| Synonyms: | AMY-1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_012333 |
| ORF Size: | 309 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202238). |
| 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_012333.3 |
| RefSeq Size: | 2583 bp |
| RefSeq ORF: | 312 bp |
| Locus ID: | 26292 |
| UniProt ID: | Q99417 |
| Cytogenetics: | 1p34.3 |
| Protein Families: | ES Cell Differentiation/IPS, Transcription Factors |
| MW: | 12 kDa |



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Gene Summary:

The protein encoded by this gene binds to the N-terminus of the oncogenic protein C-MYC, enhancing the ability of C-MYC to activate E box-dependent transcription. The encoded protein is normally found in the cytoplasm, but it translocates to the nucleus during S phase of the cell cycle and associates with C-MYC. This protein may be involved in spermatogenesis. This gene can be silenced by microRNA-22. Two transcript variants, one protein-coding and the other probably not protein-coding, have been found for this gene. [provided by RefSeq, Nov 2011]