

## Product datasheet for **TP302238L**

### MYCBP (NM\_012333) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human c-myc binding protein (MYCBP), 1 mg   |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC202238 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | MAHYKAADSKREQFRRYLEKSGVLDLTLTKVLVALYEEPEKPNALSDFLKHHLGAATPENPEIELLRLELA<br>EMKEKYEAVEENKCLKAKLAQYEPPEEKRAE   |
|                                       | <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV  |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 11.8 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   |
| 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:                               | <a href="#">NP_036465</a>  |
| Locus ID:                             | 26292  |
| UniProt ID:                           | <a href="#">Q99417</a>   |
| RefSeq Size:                          | 2583   |
| Cytogenetics:                         | 1p34.3   |



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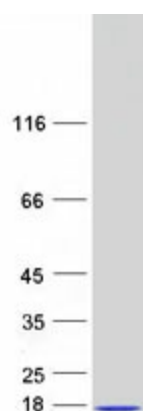
RefSeq ORF: 309

Synonyms: AMY-1

**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]

**Protein Families:** ES Cell Differentiation/IPS, Transcription Factors

### Product images:



Coomassie blue staining of purified MYCBP protein (Cat# [TP302238]). The protein was produced from HEK293T cells transfected with MYCBP cDNA clone (Cat# [RC202238]) using MegaTran 2.0 (Cat# [TT210002]).