

## Product datasheet for **TP300020L**

### TPPP3 (NM\_016140) Human Recombinant Protein

#### Product data:

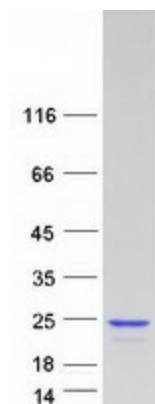
|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human tubulin polymerization-promoting protein family member 3 (TPPP3), 1 mg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC200020 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | MAASTDMAGLEESFRKFAIHGDPKASGQEMNGKNWAKLCKDCKVADGKSVTGTDDIVFSKVKGKSARV<br>I<br>NYEEFKKALEELATKRFGKSKEEAFDAICQLVAGKEPANVGVTAKTGGAVDRLTDSRYTGSHKERFD<br>ESGKGKGIAGRQDILDDSGYVSAYKNAGTYDAKVKK |
|                                       | <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>   |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 18.8 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:                               | <u><a href="#">NP_057224</a></u>   |
| Locus ID:                             | 51673  |



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|               |  |
|---------------|--|
| UniProt ID:   | <u>Q9BW30</u>  |
| RefSeq Size:  | 1159   |
| Cytogenetics: | 16q22.1  |
| RefSeq ORF:   | 528  |
| Synonyms:     | CGI-38; p20; p25gamma; TPPP/p20  |
| Summary:      | Binds tubulin and has microtubule bundling activity. May play a role in cell proliferation and mitosis.[UniProtKB/Swiss-Prot Function] |

### Product images:



Coomassie blue staining of purified TPPP3 protein (Cat# [TP300020]). The protein was produced from HEK293T cells transfected with TPPP3 cDNA clone (Cat# [RC200020]) using MegaTran 2.0 (Cat# [TT210002]).