

Product datasheet for TP313142M

Tubulin Polymerization Promoting Protein (TPPP) (NM_007030) Human Recombinant Protein

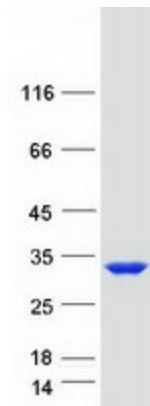
Product data:

| | |
|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human tubulin polymerization promoting protein (TPPP), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213142 protein sequence Red=Cloning site Green=Tags(s) |
| | MADKAKPAKAANRTPPKSPGDPKDRRAAKRLSLESEGAGEGAAASPELSALEEAFRRFAVHGDARATGRE MHGKNWSKLCCKDCQVIDGRNVTVDVDIVFSKIKGKSCRTITFEQFQEALAKKRFKDKSSEEA VREVHRLIEGKAPIISGVTKAISSPTVSRLTDTTKFTGSHKERFDPGKGGKAGRVDLVDES GYVSGYKHAGTYDQKVQGGK |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 23.5 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: | NP_008961 |
| Locus ID: | 11076 |
| UniProt ID: | O94811 , Q4L233 |



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| | |
|---------------|---|
| RefSeq Size: | 6039 |
| Cytogenetics: | 5p15.33 |
| RefSeq ORF: | 657 |
| Synonyms: | p24; p25; p25alpha; TPPP/p25; TPPP1 |
| Summary: | May play a role in the polymerization of tubulin into microtubules, microtubule bundling and the stabilization of existing microtubules, thus maintaining the integrity of the microtubule network. May play a role in mitotic spindle assembly and nuclear envelope breakdown. [UniProtKB/Swiss-Prot Function] |

Product images:

Coomassie blue staining of purified TPPP protein (Cat# [TP313142]). The protein was produced from HEK293T cells transfected with TPPP cDNA clone (Cat# [RC213142]) using MegaTran 2.0 (Cat# [TT210002]).