

Product datasheet for TP313142

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), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC213142 protein sequence
Red=Cloning site **Green**=Tags(s)

MADKAKPAKAANRTPPKSPGDPKDRRAAKRLSLESEGAGEGAAAPELSALEEAFRRFAVHGDARATGRE
MHGKNWSKLCCKDCQVIDGRNVTVDVDIVFSKIKGKSCRTITFEQFQEALAKKRFKDKSSEEA
VREVHRLIEGKAPIISGVTKAISSPTVSRLDTTKFTGSHKERFDPGKGGKAGRVDLVDES
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

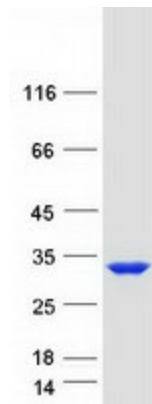
UniProt ID: [O94811](#), [Q4L233](#)



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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]).