

## Product datasheet for TP313142L

### Tubulin Polymerization Promoting Protein (TPPP) (NM\_007030) Human Recombinant Protein

#### Product data:

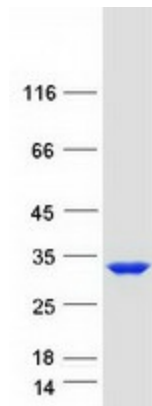
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tubulin polymerization promoting protein (TPPP), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213142 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MADKAKPAKAANRTPPKSPGDPSKDRAAKRLSLESEGAGEGAAAPELSALEEAFRRFAVHGDARATGRE MHGKNWSKLCDCQVIDGRNVTVDVDIVFSKIKGKSCRTITFEQFQEALAKKRFKDKSSEEA VREVHRLIEGKAPIISGVTKAISSPTVSRLDTTKFTGSHKERFDPGKGGKAGRVDLVD ESGYVSGYKHAGTYDQKVQGGK  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<a href="#">NP_008961</a>
Locus ID:	11076
UniProt ID:	<a href="#">O94811</a> , <a href="#">Q4L233</a>



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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]).