

## Product datasheet for **SC115750**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tubulin Polymerization Promoting Protein (TPPP) (NM_007030) Human Untagged Clone
Tag:	Tag Free
Symbol:	Tubulin Polymerization Promoting Protein
Synonyms:	p24; p25; p25alpha; TPPP/p25; TPPP1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC115750 sequence for NM_007030 edited (data generated by NextGen Sequencing)

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ATGGCTGACAAGCCAAGCCTGCCAAAGCTGCCAACAGGACGCCCCCAAGTCCCCGGGG
GACCCCTCGAAGGACCGGGCAGCCAAGAGGCTGTCGCTGGAATCGGAGGGTGCTGGTGAG
GGGGCAGCCGCATCCCCTGAGCTCAGTGCCTGGAGGAGCCTTCCGGCGCTTTGCCGTG
CACGGGGACGCCAGGGCCACCGGGAGGGAGATGCACGGCAAGAAGTGGTCGAAGCTGTGC
AAGGACTGCCAGGTGATCGACGGCAGGAACGTGACCGTCACTGACGTGGACATCGTCTTC
AGCAAGATCAAAGGGAAGTCTTGCCGGACCATCACCTTTGAGCAGTTCAGGAGGCGCTG
GAGGAGCTCGCCAAGAAGCGATTCAAAGACAAGAGCAGCGAGGAGGCCGTTCCGCGAGGTG
CACAGGCTCATCGAGGGCAAGGGCCCATCATCTCAGGGGTGACGAAAGCCATCTCGTCG
CCCACAGTGTGAGGCTCACGGACACCACCAAGTTCACGGGCTCCACAAGGAGCGCTTC
GACCCCTCTGGCAAGGGCAAGGGCAAGGCTGGCCGCGTGGATCTGGTGGACGAGTCAGGC
TATGTGTCCGGCTACAAGCACGCAGGCACCTACGACCAGAAGGTGCAAGGGGGCAAGTAG
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Clone variation with respect to NM\_007030.2



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_007030 unedited CACGAGGGCCTCCGCTGCAGTCGCTGCGTCTCCAACAACATGGCTGACAAGGCCAAGCCT GCCAAAGCTGCCAACAGGACGCCCCCAAGTCCCCGGGGGACCCCTCGAAGGACCCGGCA GCCAAGAGGCTGTCGCTGGAATCGGAGGGTGTGGTGAGGGGGCAGCCGCATCCCCTGAG CTCAGTGCCCTGGAGGAGGCCTTCGGCGCTTTGCCGTGCAGGGGACGCCAGGGCCACC GGGAGGGAGATGCACGGCAAGAACTGGTGAAGCTGTGCAAGGACTGCCAGGTGATCGAC GGCAGGAACGTGACCCGCTACTGACGTGGACATCGTCTTCAGCAAGATCAAAGGGAAGTCT TGCCGGACCATCACCTTTGAGCAGTTCCAGGAGGCGCTGGAGGAGCTCGCCAAGAAGCGA TTCAAAGACAAGAGCAGCGAGGAGGCCGTTTCGCGAGGTGCACAGGCTCATCGAGGGCAAG GCGCCCATCATCTCANGGGTGACGAAAGCCATCTCGTCGCCACAGTGTGAGGGCTCACG GACACCACCAAGTTCACGGGCTCCACAAAGGAGCGCTTCGACCCCTCTGGCAAGGGCAAG GGCAAGGCTGGCCGCGTGGATCTGGTGGACGAGTCAGGCTATGTGTCCGGCTACAAGCAC GCAGGCACCTACGACCAGAANGGTGCAGGGGGCAAGTAGCCCCGCTCCATGCCTCGC
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_007030
<b>Insert Size:</b>	6200 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_007030.1</a> , <a href="#">NP_008961.1</a>
<b>RefSeq Size:</b>	5019 bp
<b>RefSeq ORF:</b>	660 bp
<b>Locus ID:</b>	11076
<b>UniProt ID:</b>	<a href="#">O94811</a>
<b>Cytogenetics:</b>	5p15.33
<b>Gene Summary:</b>	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]