

Recombinant Full Length Human TPPP Protein, C-Flag-tagged

Cat. No. TPPP-1506HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TPPP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including GTPase activity; magnesium ion binding activity; and protein homodimerization activity. Involved in several processes, including microtubule cytoskeleton organization; negative regulation of tubulin deacetylation; and positive regulation of protein polymerization. Located in several cellular components, including mitochondrion; mitotic spindle; and perinuclear region of cytoplasm. Colocalizes with microtubule and microtubule bundle.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.5 kDa
AA Sequence	MADKAKPAKAANRTPPKSPGDPSKDRAAKRLSLESEGAGEGAAASPELSALEEAFR RFAVHGDARATGRE MHGKNWSKLCKDCQVIDGRNVTVDVDIVFSKIKGKSCRTIT FEQFQEAL EELAKKRFKDKSSEEAVREV HRLIEGKAPIISGVTKAISSPTVSRLTDTTK FTGSHKERFDPGKGKGKAGRVDLVDESGYVSGYKHAGT YDQKVQGGKTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

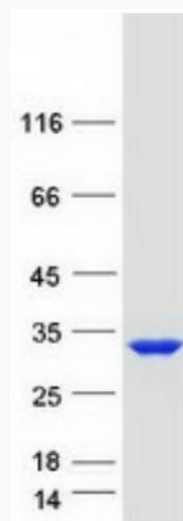
GENE INFORMATION

Gene Name	TPPP tubulin polymerization promoting protein [Homo sapiens (human)]
Official Symbol	TPPP
Synonyms	p24; p25; TPPP1; TPPP/p25; p25alpha
Gene ID	11076
mRNA Refseq	NM_007030.3
Protein Refseq	NP_008961.1
MIM	608773
UniProt ID	O94811

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Coomassie blue staining of purified TPPP protein.

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