

Recombinant Human TPPP protein, GST-tagged

Cat. No. TPPP-3534H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPPP protein(1-95 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-95 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MADKAKPAKAANRTPPKSPGDPSKDRAAKRLSLESEGAGEGAAASPELSALEEAFRRFAVHGDARATGREMHGKNWSKLCKDCQVIDGRNVTVD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [TPPP tubulin polymerization promoting protein \[Homo sapiens \]](#)

Official Symbol [TPPP](#)

Synonyms TPPP; tubulin polymerization promoting protein; tubulin polymerization-promoting protein; brain specific protein p25 alpha; p25; p25alpha; TPPP/p25; TPPP1; p25-alpha; 25 kDa brain-specific protein; glycogen synthase kinase 3 (GSK3) inhibitor p24; p24;

Gene ID [11076](#)

mRNA Refseq [NM_007030](#)

Protein Refseq [NP_008961](#)

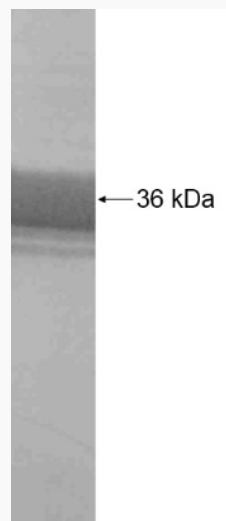
MIM [608773](#)

UniProt ID [O94811](#)

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SDS-PAGE

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