Recombinant Mouse Tppp Protein, His-tagged

Cat. No. Tppp-477M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tppp Protein (Ala11-Val201) with N-His tag was expressed in 293F.
Species	Mouse
Source	HEK293
ProteinLength	Ala11-Val201
Description	Predicted to enable several functions, including GTPase activity; magnesium ion binding activity; and protein homodimerization activity. Involved in microtubule polymerization; nervous system development; and positive regulation of myelination. Located in cytoplasm and nucleus. Colocalizes with microtubule. Is expressed in several structures, including central nervous system; genitourinary system; gut; hemolymphoid system gland; and nasal cavity epithelium. Orthologous to human TPPP (tubulin polymerization promoting protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.3 kDa Accurate Molecular Mass: \
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

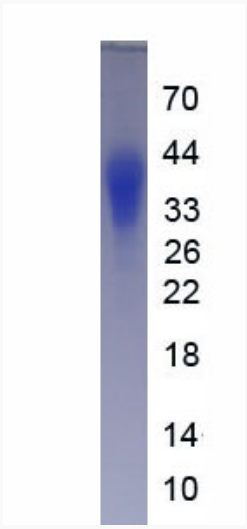
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Tppp tubulin polymerization promoting protein [Mus musculus (house mouse)]
Official Symbol	Tppp
Synonyms	Tppp; tubulin polymerization promoting protein; AI849835; TPPP/p25; 2900041A09Rik; tubulin polymerization-promoting protein; 25 kDa brain-specific protein; brain-specific protein p25 alpha; p25-alpha
Gene ID	72948
mRNA Refseq	NM_182839
Protein Refseq	NP_878259
UniProt ID	Q7TQD2

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