

Human TPPP Recombinant Protein



RPPB4993

Product Information Protein Information

Product SKU:

RPPB4993

Accession:

O94811

Host:

Escherichia Coli.

Protein description:

TPPP Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 229 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 24.9kDa (calculated).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Tubulin polymerization-promoting protein, TPPP, 25 kDa brain-specific protein, TPPP/p25, p24, p25-alpha, TPPP1, p25, p25alpha.

Formulation:

TPPP filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. TPPP is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MKHHHHHHASMDKAKPAKA ANRTPPKSPG DPSKDRAAKR LSESEGAGE GAAASPELSA LEEAFRRFAV
HGDARATGRE MHGKNWSKLC KDCQVIDGRN VTVDVDIVF SKIKGKSCRT ITFEQFQEAL EELAKKRFKD
KSSEEAVREV HRLIEGKAPI ISGVTKAISS PTVSRLTDTT KFTGSHKERF DPSGKGGKGA GRVDLVDES
YVSGYKHAGT YDQKVQGGK.