Recombinant human TPPP3 protein

Catalog Number: ATGP2229

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-176aa

UniProt No.
Q9BW30

NCBI Accession No.
NP_057048

Alternative Names
Tubulin polymerization-promoting protein family member 3, CGI-38, p20, p25gamma

PRODUCT SPECIFICATION

Molecular Weight
21.4 kDa (199aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
TPPP3 belongs to the TPPP family and is localized in the cytoplasm. This protein binds tubulin and has microtubule bundling activity. TPPP3 may play a role in cell proliferation and mitosis. Recombinant human TPPP3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
<MGSSHHHHHH SSGLVPRGSH MGS>MAASTDM AGLEESFRKF AIHGDPKASG QEMNGKNWAK LCKDCKVADG

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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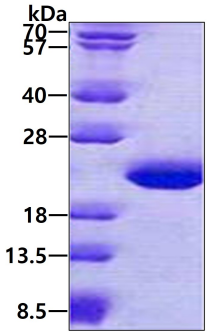
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General References

Staverosky JA., et al. (2009). Dev Dyn Mar 238(3):685-92.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.