Recombinant Human TUBG1/TUBG protein (His tag)

Catalog No. PDEH100379

Note: Centrifuge before opening to ensure complete recovery of vial contents.

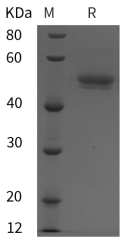
Description

Synonyms	Tubulin gamma-1 chain;TUBG1;Gamma-tubulin complex component 1 (GCP-1)
Species	Human
Expression Host	E.coli
Sequence	Gly 101-Gln 451
Accession	P23258
Calculated Molecular Weight	38.5 kDa
Observed molecular weight	45 kDa
Tag	N-His & C-His
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Tubulin is the major constituent of microtubules. Gamma tubulin is found at microtubule organizing centers (MTOC)

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such as the spindle poles or the centrosome, suggesting that it is involved in the minus-end nucleation of microtubule assembly.

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