## 32-13491: TUBG1 Human, Sf9

Alternative Name : Tubulin gamma-1 chain, Gamma-1-tubulin, Gamma-tubulin complex component 1, GCP-1, TUBG1, TUBG, Tubulin, Gamma 1, Gamma-1-Tubulin, TUBGCP1, CDCBM4.

## Description

Source: Sf9, Insect cells.
Sterile Filtered colorless solution.
TUBG1 belongs to the tubulin superfamily. TUBG1 localizes to the centrosome and binds to microtubules to create the gammatubulin ring complex. TUBG1 facilitates the microtubule nucleation and is essential for microtubule formation and progression of the cell cycle.
TUBG1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 457 amino acids (1-451 a.a.) and having a molecular mass of 51.9 kDa (Molecular size on SDS-PAGE will appear at approximately $50-70 \mathrm{kDa}$ ). TUBG1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

## Product Info

## Amount :

Purification :

## Content :

## Storage condition :

Amino Acid :
$2 \mu \mathrm{~g} / 10 \mu \mathrm{~g}$
Greater than $85 \%$ as determined by SDS-PAGE.
TUBG1 protein solution $(0.25 \mathrm{mg} / \mathrm{ml}$ ) contains 20 mM Tris-HCI ( pH 8.0 ) containing $40 \%$ glycerol, $0.1 \mathrm{M} \mathrm{NaCl}, 2 \mathrm{mM}$ DTT and 50 mM imidazole.
Store at $4^{\circ} \mathrm{C}$ if entire vial will be used within $2-4$ weeks. Store, frozen at $-20^{\circ} \mathrm{C}$ for longer periods of time. For long term storage it is recommended to add a carrier protein ( $0.1 \%$ HSA or BSA).Avoid multiple freeze-thaw cycles.
MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTDRKDV FFYQADDEHY IPRAVLLDLE PRVIHSILNS PYAKLYNPEN IYLSEHGGGA GNNWASGFSQ GEKIHEDIFD IIDREADGSD SLEGFVLCHS IAGGTGSGLG SYLLERLNDR YPKKLVQTYS VFPNQDEMSD VVVQPYNSLL TLKRLTQNAD CVVVLDNTAL NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTPRLHFLM TGYTPLTTDQ SVASVRKTTV LDVMRRLLQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSLQRI RERKLANFIP WGPASIQVAL SRKSPYLPSA HRVSGLMMAN HTSISSLFER TCRQYDKLRK REAFLEQFRK EDMFKDNFDE MDTSREIVQQ LIDEYHAATR PDYISWGTQE QHHHHHH.

