

## 32-5156: Recombinant Human Tubulin Gamma 1

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

### Description

Source : E.coli. TUBG1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 471 amino acids (1-451 a.a.) and having a molecular mass of 53.3kDa.TUBG1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TUBG1 belongs to the tubulin superfamily. TUBG1 localizes to the centrosome and binds to microtubules to create the gamma-tubulin ring complex. TUBG1 facilitates the microtubule nucleation and is essential for microtubule formation and progression of the cell cycle.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** TUBG1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 1M Urea, and 5% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°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.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTDRKDV  
FFYQADDEHY IPRAVLLDLE PRVIHSILNS PYAKLYNPEN IYLSEHGGGA GNNWASGFSQ GEKIHEDIFD  
IIDREADGSD SLEGFVLCHS IAGGTGSLG SYLLERLNDR YPKKLVQTY S VFPNQDEM SD VVVQPYN SLL  
TLKRLTQNAD CVVLDNTAL NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL  
IPTPRLHFLM TGYTPLTDDQ SVASVRKTTV LDVMRRLQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP  
TQVHKS LQRI RERKLANFIP WGPASIQVAL SRKSPYLP SA HRVSGLM MAN HTSISSLFER TCRQYDKLRK  
REAFLEQFRK EDMFKDNFDE MDSREIVQQ LIDEYHAATR PDYISWGTQE Q.

