

Tubulin Gamma 1 Human Recombinant

Item Number	rAP-4513
Synonyms	Tubulin gamma 1, TUBG, TUBGCP1, tubulin gamma polypeptide, Gamma-tubulin complex component 1, GCP-1, gamma-1-tubulin, Tubulin gamma-1 chain.
Description	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.
Uniprot Accession Number	P23258
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGT- DRKDV FFYQADDEHY IPRAVLLDLE PRVIHSILNS PYAKLYNPEN IYLSEHGGA GNNWASGFSQ GEKI- HEDIFD IIDREADGSD SLEGFVLCHS IAGGTGSGLG SYLLERLNDR YPKKLVQTYS VFPNQDEMDS VVVQPYNSLL TLKRLTQNAD CVVLDNTAL NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTPRLHFLM TGYTPLTTDQ SVASVRKTTV LDVMRRLQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSLQRI RERKLANFIP WGPASIQVAL SRKSPYLPSA HRVSGLMMAN HTSISLFFER
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	TUBG1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 1M Urea, and 5% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**