

## Product datasheet for **AR50120PU-N**

### TUBG1 / Tubulin gamma 1 (1-451, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	TUBG1 / Tubulin gamma 1 (1-451, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTDRKDV FFYQADDEHY IPRAVLLDLE PRVIHSILNS PYAKLYNPEN IYLSEHGGGA GNNWASGFSQ GEKIHEDIFD IIDREADGSD SLEGFVLCHS IAGGTGSGLG SYLLERLNDR YPKKLVQTYS VFPNQDEMSED VVWQPYNLL TLKRLTQNAD CWWLDNTAL NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTPRLHFLM TGYTPLTTDQ SVASVRKTTV LDVMRRLQK KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSQRIRERKLANFIP WGPASIQVAL SRKSPYLP SA HRVSGLM MAN HTSISLFR TCRQYDKLRK REAFLEQFRK EDMFKDNFDE MDT SREIVQQ LIDEYHAATR PDYISWGTQE Q
Tag:	His-tag
Predicted MW:	53.3 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) 1M Urea, 5% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TUBG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001061</a>
Locus ID:	7283
UniProt ID:	<a href="#">P23258</a>
Cytogenetics:	17q21.2



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**Synonyms:** CDCBM4; GCP-1; TUBG; TUBGCP1

**Summary:** This gene encodes a member of the tubulin superfamily. The encoded protein localizes to the centrosome where it binds to microtubules as part of a complex referred to as the gamma-tubulin ring complex. The protein mediates microtubule nucleation and is required for microtubule formation and progression of the cell cycle. A pseudogene of this gene is found on chromosome 7. [provided by RefSeq, Jan 2009]

**Protein Families:** Druggable Genome

**Product images:**

