9051 Mira Mesa Blvd, #910094
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TUBG1 Human

Tubulin Gamma 1 Human Recombinant
RCP2469

Product Overview

Name	TUBG1 Human
Description	
Tubulin Gamma 1 Human Recombinant	
Accession (Primary)	P23258
Synonyms	
Tubulin gamma 1, TUBG, TUBGCP1, tubulin gamma polypeptide, Gamma-tubulin complex component 1, GCP-1, gamma-1-tubulin, Tubulin gamma-1 chain.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TUBG1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 1M Urea, and 5% glycerol.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH 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	

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TQVHKSLQRI RERKLANFIP WGPASIQVAL SRKSPYLPSA HRVSGLMMAN HTSISSLFER TCRQYDKLRK REAFLEQFRK EDMFKDNFDE MDTSREIVQQ LIDEYHAATR PDYISWGTQE Q.

Precautions

TUBG1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P23258)