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TUBG1 Human, Sf9

Tubulin Gamma 1 Human Recombinant, Sf9
RCP2470

Product Overview

Name	TUBG1 Human, Sf9

Description

Tubulin Gamma 1 Human Recombinant, Sf9

Accession (Primary)	P23258

Synonyms

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

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

Sf9, Insect cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

TUBG1 protein solution (0.25mg/ml) contains 20mM Tris-HCl (pH 8.0) containing 40% glycerol, 0.1M NaCl,2mM DTT and 50mM imidazole.

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

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

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SVASVRKTTV LDVMRRLLQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSLQRI RERKLANFIP WGPASIQVAL SRKSPYLPSA HRVSGLMMAN HTSISSLFER TCRQYDKLRK REAFLEQFRK EDMFKDNFDE MDTSREIVQQ LIDEYHAATR PDYISWGTQE Q HHHHHH .

Precautions

TUBG1 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P23258)