

Human TUBG1 Recombinant Protein



RPPB5040

Product Information Protein Information

Product SKU:

RPPB5040

Accession:

P23258

Host:

Sf9, Insect cells.

Protein description:

TUBG1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 457 amino acids (1-451 a.a.) and having a molecular mass of 51.9kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). TUBG1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

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.

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.

Purity:

Greater than 85% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

MPREIITLQL GQCGNQIGFE FWKQLCAEHG ISPEGIVEEF ATEGTDRKDV FFYQADDEHY IPRAVLLDLE
PRVIHSILNS PYAKLYNPEN IYLSEHGGA GNNWASGFSQ GEKIHEDIFD IIDREADGSD SLEGFVLCHS
IAGGTGSGLG SYLLERLNDR YPKKLVQTYS VFPNQDEMMSD VVVQPYNLL TLKRLTQNAD CVVLDNTAL
NRIATDRLHI QNPSFSQINQ LVSTIMSAST TTLRYPGYMN NDLIGLIASL IPTRLHFLM TGYTPLTTDQ
SVASVRKTTV LDVMRRLLQP KNVMVSTGRD RQTNHCYIAI LNIIQGEVDP TQVHKSQRIRERKLANFIP
WGPASIQVAL SRKSPYLP SA HRVSGLM MAN HTSISSLFER TCRQYDKLRK REAFLEQFRK EDMFKDNFDE
MDSREIVQQ LIDEYHAATR PDYISWGTQE QHHHHHH.