

Recombinant Human TUBGCP3 293 Cell Lysate

Cat. No. TUBGCP3-641HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for tubulin, gamma complex associated protein 3 (TUBGCP3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TUBGCP3 tubulin, gamma complex associated protein 3 [Homo sapiens]

Official Symbol

TUBGCP3

Synonyms

TUBGCP3; tubulin, gamma complex associated protein 3; gamma-tubulin complex component 3; GCP3; SPBC98; Spc98p; spindle pole body protein; GCP-3; h104p; hGCP3; hSpc98; hGrip104; gamma-ring complex protein 104 kDa; spindle pole body protein Spc98 homolog;

Gene ID

10426

mRNA Refseq

NM_006322

Protein Refseq

NP_006313

UniProt ID

Q96CW5

Chromosome Location

13q34

Pathway

Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; Recruitment of NuMA to mitotic centrosomes, organism-specific biosystem; Recruitment of mitotic centrosome proteins and complexes, organism-specific

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biosystem;

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