

Human TUBG1 Knockdown Cell Lysate

Cat. No. TUBG1-313HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated TUBG1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	51 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg TUBG1 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	TUBG1 tubulin, gamma 1 [Homo sapiens (human)]
Official Symbol	TUBG1
Synonyms	TUBG1; tubulin, gamma 1; TUBG, tubulin, gamma polypeptide; tubulin gamma-1 chain; TUBGCP1; gamma-1-tubulin; tubulin, gamma polypeptide; gamma-tubulin complex component 1; TUBG; GCP-1;
Gene ID	7283
mRNA Refseq	NM_001070
Protein Refseq	NP_001061
MIM	191135
UniProt ID	P23258

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