

Human BUB1B Knockdown Cell Lysate

Cat. No. BUB1B-076HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated BUB1B Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a kinase involved in spindle checkpoint function. The protein has been localized to the kinetochore and plays a role in the inhibition of the anaphase-promoting complex/cyclosome (APC/C), delaying the onset of anaphase and ensuring proper chromosome segregation. Impaired spindle checkpoint function has been found in many forms of cancer.
Form	Cell-Tissue Lysis buffer
Molecular Mass	120 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 BUB1B KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase, Stem cell - Pluripotency
Protein Pathways	Cell cycle
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	BUB1B budding uninhibited by benzimidazoles 1 homolog beta (yeast) [Homo sapiens (human)]
Official Symbol	BUB1B
Synonyms	BUB1B; budding uninhibited; budding uninhibited by benzimidazoles 1 (yeast homolog), beta; mitotic checkpoint serine/threonine-protein kinase BUB1 beta; Bub1A; BUBR1; MAD3L; SSK1; mitotic checkpoint kinase MAD3L; MAD3/BUB1-related protein kinase; hBUBR1; BUB1beta;
Gene ID	701
mRNA Refseq	NM_001211
Protein Refseq	NP_001202
MIM	602860
UniProt ID	O60566

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