

Human GSK3A Knockdown Cell Lysate

Cat. No. GSK3A-188HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GSK3A Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a multifunctional Ser/Thr protein kinase that is implicated in the control of several regulatory proteins including glycogen synthase, and transcription factors, such as JUN. It also plays a role in the WNT and PI3K signaling pathways, as well as regulates the production of beta-amyloid peptides associated with Alzheimer's disease.
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 GSK3A KD HeLa cell lysate
Protein Families	Druggable Genome, Protein Kinase
Protein Pathways	Chemokine signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	GSK3A glycogen synthase kinase 3 alpha [Homo sapiens (human)]
Official Symbol	GSK3A
Synonyms	GSK3A; glycogen synthase kinase 3 alpha; glycogen synthase kinase-3 alpha; GSK-3 alpha; serine/threonine-protein kinase GSK3A; DKFZp686D0638;
Gene ID	2931
mRNA Refseq	NM_019884
Protein Refseq	NP_063937
MIM	606784
UniProt ID	P49840

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