

## Human CSPG4 Knockdown Cell Lysate

Cat. No. CSPG4-126HKCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	WB-validated CSPG4 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells.
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	251 kDa
<b>Notes</b>	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.
<b>Storage</b>	Store at -20 centigrade for two years.
<b>Concentration</b>	Lot-specific

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<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg CSPG4 KD HeLa cell lysate
<b>Protein Families</b>	Transmembrane
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	CSPG4 chondroitin sulfate proteoglycan 4 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CSPG4
<b>Synonyms</b>	CSPG4; chondroitin sulfate proteoglycan 4; chondroitin sulfate proteoglycan 4 (melanoma associated); HMW MAA; MCSP; MCSPG; MEL CSPG; melanoma associated chondroitin sulfate proteoglycan; MSK16; NG2; chondroitin sulfate proteoglycan NG2; melanoma chondroitin sulfate proteoglycan; melanoma-associated chondroitin sulfate proteoglycan; chondroitin sulfate proteoglycan 4 (melanoma-associated); HMW-MAA; MEL-CSPG;
<b>Gene ID</b>	1464
<b>mRNA Refseq</b>	NM_001897
<b>Protein Refseq</b>	NP_001888
<b>MIM</b>	601172
<b>UniProt ID</b>	Q6UVK1

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