

Human CSPG4 Knockdown Cell Lysate

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

SPECIFICATION

Product Overview	WB-validated CSPG4 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	251 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 CSPG4 KD HeLa cell lysate
Protein Families	Transmembrane
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CSPG4 chondroitin sulfate proteoglycan 4 [Homo sapiens (human)]
Official Symbol	CSPG4
Synonyms	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;
Gene ID	1464
mRNA Refseq	NM_001897
Protein Refseq	NP_001888
MIM	601172
UniProt ID	Q6UVK1

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