

Recombinant Human CSPG4 Protein, DYKDDDDK-tagged

Cat. No. CSPG4-151H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human chondroitin sulfate proteoglycan 4(CSPG4)(NM_001897), with a DYKDDDDK tag, was expressed in human cells.
Species	Human
Source	Human Cells
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	Purified protein formulated in a sterile solution of TBS buffer, pH7.319, without any preservatives.
Molecular Mass	250.4 kDa
Endotoxin	Endotoxin level is < 0.1 ng/g of protein (<1EU /g)
Purity	>90% by SDS-PAGE gel and Coomassie Blue staining
Applications	Antigens, Western, ELISA and other in vitro binding or in vivo functional assays, and protein-protein interaction studies.

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GENE INFORMATION

Gene Name [CSPG4 chondroitin sulfate proteoglycan 4 \[Homo sapiens \]](#)

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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