

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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