PRODUCT INFORMATION

Target	CSPG4
Synonyms	NG2; MCSP; MCSPG; MSK16; CSPG4A; HMW-MAA; MEL-CSPG
Description	Recombinant human CSPG4(1538-2221) Protein with C-terminal mouse Fc tag
Delivery	In Stock
Uniprot ID	Q6UVK1
Expression Host	HEK293
Tag	C-mouse Fc tag
Molecular Characterization	CSPG4(Gln1538-Asn2221) mFc(Pro99-Lys330)
Molecular Weight	The protein has a predicted molecular mass of 99.0 kDa after removal of the signal peptide. The apparent molecular mass of CSPG4(1538-2221)-mFc is approximately 130-250 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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. [provided by RefSeq, Jul 2008]
Usage	Research use only
Conjugate	Unconjugated

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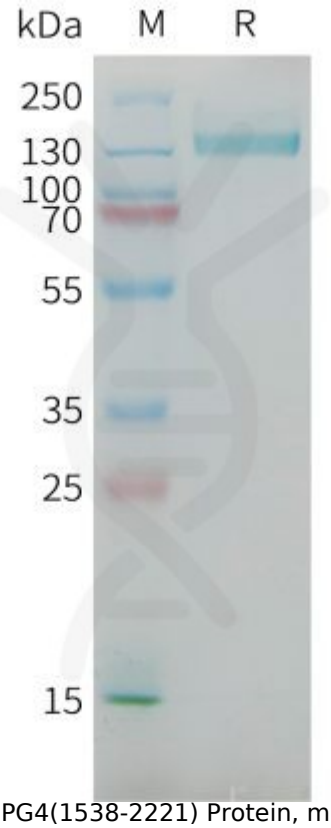


Figure 1. Human CSPG4(1538-2221) Protein, mFc Tag on SDS-PAGE under reducing condition.

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