

HUMAN CSPG4 PROTEIN, HIS TAG

Cat.#: 11246

Product Name: Human CSPG4 Protein

Size: 10 µg, 50 µg and 100 µg

Synonyms: CSPG4A;HMW-MAA;MCSP;MCSPG;MEL-CSPG;MSK16;NG2

Target: CSPG4

UNIPROT ID: Q6UVK1

Description: Recombinant Human CSPG4 Protein with C-terminal 6xHis tag.

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]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 237.7 kDa after removal of the signal peptide.

Molecular Characterization: CSPG4(Ala30-Ser2224) 6xHis tag

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

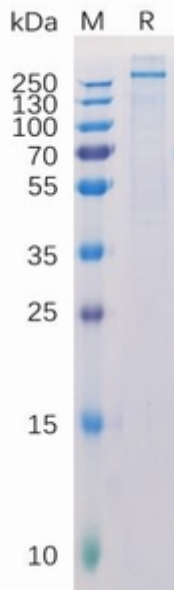


Figure 1. Human CSPG4 Protein, His Tag on SDS-PAGE under reducing condition.