

CSPG4 recombinant protein

Human CSPG4 Protein, His Tag

CATALOG #
AAA11708

HOST
HEK293 cells

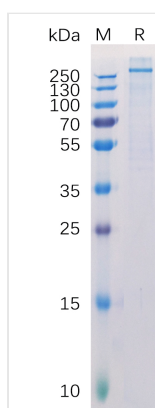
PRODUCT SYNONYMS

CSPG4; Human CSPG4 Protein; His Tag; CSPG4A; HMW-MAA; MCSP; MCSPG; MEL-CSPG; MSK16; NG2; CSPG4 recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>95% as determined by SDS-PAGE and Coomassie blue staining
Form/Format	Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization.
Sequence	CSPG4(Ala3 0-Ser2224) +6×Histag
pH	7.4 ± 0.5
Tag	C-6xHis tag
Reconstitution	1. Before opening the tube cap, centrifuge the sample tube at 5000g for 3-5 min at room temperature to ensure the lyophilized sample to settle down at the bottom of the tube. 2. Dissolved lyophilized protein sample in sterile and low endotoxin water based on the recommended volume: 200 ul. 3. After adding sterile water, cover the lid and mix them by gently tapping the tube for 5-10 times. Note: Do not vortex or vigorously pipette the sample.
Preparation and Storage	Store at -20°C to -70°C in lyophilized state. After reconstitution, store the stock solution at -80°C immediately and avoid repeated freeze-thaw cycles! Store at -80°C for 3 months under sterile conditions after reconstitution.

IMAGES



SDS-PAGE

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

ADDITIONAL INFORMATION

Related Product Information for CSPG4 recombinant protein	Recombinant Human CSPG4 Protein with C-terminal 6xHis-tag 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]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296434468
NCBI GeneID	1464
UniProt Accession #	Q6UVK1; Q92675; D3DW77
Molecular Weight	The protein has a predicted molecular mass of 237.7 kDa after removal of the signal peptide.
NCBI Official Full Name	Chondroitin sulfate proteoglycan 4
NCBI Official Synonym Full Names	chondroitin sulfate proteoglycan 4
NCBI Official Symbol	CSPG4
NCBI Official Synonym Symbols	NG2; MCSP; MCSPG; MSK16; HMW-MAA; MEL-CSPG
NCBI Protein Information	chondroitin sulfate proteoglycan 4; chondroitin sulfate proteoglycan NG2; melanoma chondroitin sulfate proteoglycan; melanoma-associated chondroitin sulfate proteoglycan; chondroitin sulfate proteoglycan 4 (melanoma-associated)
UniProt Protein Name	Chondroitin sulfate proteoglycan 4
UniProt Gene Name	CSPG4
UniProt Synonym Gene Names	MCSP
UniProt Entry Name	CSPG4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cspg4-recombinant-protein-hek293-cells/11708>