

Human CSPG4/MCSP Protein



Cat. No. CSP-HM1P4

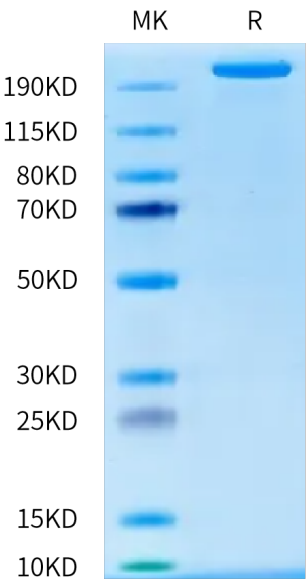
Description	
Source	Recombinant Human CSPG4/MCSP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Ala30-Ser2224.
Accession	Q6UVK1
Molecular Weight	The protein has a predicted MW of 238.03 kDa. Due to glycosylation, the protein migrates to 210-250 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Supplied as 0.22µm filtered solution in 20mM HEPES, 150mM NaCl (pH 7.5).
Storage	Valid for 12 months from date of receipt when stored at -80°C.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background	
The chondroitin sulfate proteoglycan-4 (CSPG4) is a cell surface proteoglycan overexpressed in a huge range of human and canine neoplastic lesions by tumor cells, tumor microenvironment and cancer initiating cells. CSPG4 plays a central role in the oncogenic pathways required for malignant progression and metastatization.	

Assay Data

Bis-Tris PAGE



Human CSPG4 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.