

Mouse Syndecan-1 Protein

Cat. No. SYN-MM201



Description

Source	Recombinant Mouse Syndecan-1 Protein is expressed from Expi293 with hFc tag at the C-terminal. It contains Gln23-Gly255.
Accession	P18828-1
Molecular Weight	The protein has a predicted MW of 51 kDa. Due to glycosylation, the protein migrates to 85-110 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

Formulation and Storage

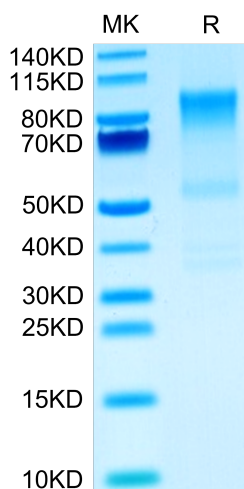
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

Background

Liver diseases such as liver cirrhosis, primary and metastatic liver cancers are still a major medical challenge. Syndecan-1 is one of the most important proteoglycans in the liver. Syndecan-1 is normally expressed on the surfaces of hepatocytes and cholangiocytes. Due to liver diseases the amount of syndecan-1 increases in the liver.

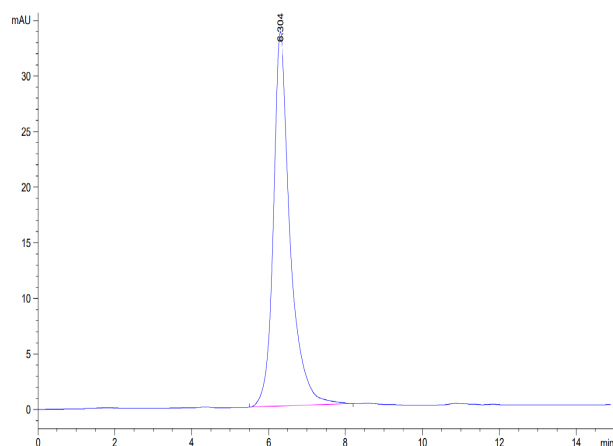
Assay Data

Tris-Bis PAGE



Mouse Syndecan-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Mouse Syndecan-1 is greater than 95% as determined by SEC-HPLC.