Human CDH11/Cadherin 11 Protein

Cat. No. CDH-HM111

Description

Source	Recombinant Human CDH11/Cadherin 11 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Gly54-Thr617.
Accession	AAA35622.1
Molecular Weight	The protein has a predicted MW of 66.32 kDa. Due to glycosylation, the protein migrates to 67-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE

Formulation and Storage

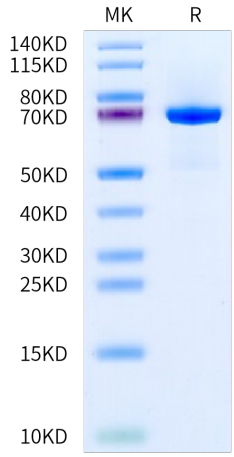
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

CDH11 belongs to a group of transmembrane proteins that are principally located in adherens junctions. CDH11 mediates homophilic cell-to-cell adhesion, which may promote the development of cirrhosis. CDH11 expression was positively correlated with liver fibrosis in patients with cirrhosis, and could therefore be a prognostic factor in patients with liver fibrosis.

Assay Data

Bis-Tris PAGE



Human CDH11 on Bis-Tris PAGE under reduced condition. The purity is greater than 90%.