Cynomolgus E-Cadherin/Cadherin-1 Protein

Cat. No. CDH-CM101

Description

Source	Recombinant Cynomolgus E-Cadherin/Cadherin-1 Protein is expressed from HEK293 with His tag at the C-Terminus.
	It contains Asp155-Pro708.
Accession	A0A2K5V299
Molecular Weight	The protein has a predicted MW of 61.48 kDa. Due to glycosylation, the protein migrates to 68-78 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

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

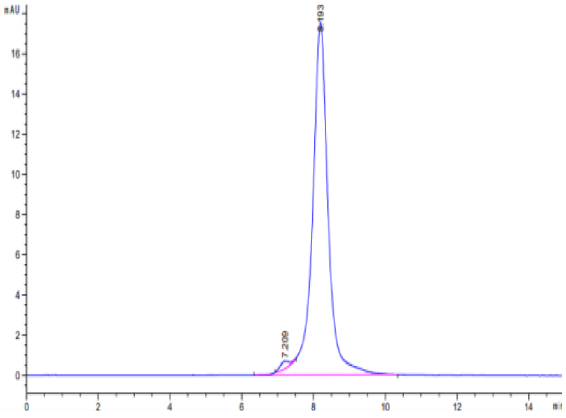
E-cadherin is the core component of epithelial adherens junctions, essential for tissue development, differentiation, and maintenance. It is also fundamental for tissue barrier formation, a critical function of epithelial tissues.

Assay Data

Bis-Tris PAGE

Cynomolgus E-Cadherin on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



The purity of Cynomolgus E-Cadherin is greater than 95% as determined by SEC-HPLC.