

Rat CDH17/Cadherin 17 Protein



Cat. No. CDH-RM127

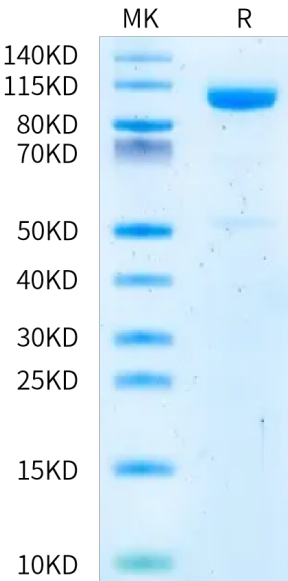
Description	
Source	Recombinant Rat CDH17/Cadherin 17 Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gln22-Met786.
Accession	P55281
Molecular Weight	The protein has a predicted MW of 86.61 kDa. Due to glycosylation, the protein migrates to 95-115 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

Formulation and Storage	
Formulation	Lyophilized from 0.22 µm filtered solution in 20 mM Tris, 150 mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
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	
Liver-intestine cadherin (CDH17) has been known to function as a tumor stimulator and diagnostic marker for almost two decades. In vivo studies showed CDH17 knockout resulted in apoptotic PC tumor death through activating caspase-3 activity. Taken together, CDH17 functions as an oncogenic molecule critical to PC growth by regulating tumor apoptosis signaling pathways and CDH17 could be targeted to develop an anti-PC therapeutic approach.	

Assay Data

Bis-Tris PAGE



Rat CDH17 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.