Biotinylated Human E-Cadherin/Cadherin 1 Protein

Catalog # ECADHERINCADHERIN1-HB001 Form: Lyophilized

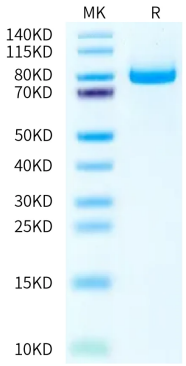
Product Details

Product description	Recombinant Biotinylated Human E-Cadherin/Cadherin 1 Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus. It contains amino acid residues Asp155-Ala709 (UniProt accession: P12830-1).
Molecular aliases	Cadherin-1; Cadherin1; E-Cadherin; E Cadherin; Epithelial cadherin; CDH1; CD324; Arc-1; CAD1; ECAD; E-CAD; LCAM; UVO; L-CAM;; Arc1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 63.43 kDa. Due to glycosylation, the protein migrates to 75-90 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin	Less than 1 EU per μg by the LAL method.
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.
State	Lyophilized
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.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

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