

Active Recombinant Human CDH16 protein, His-tagged, Low Endotoxin

Cat. No. CDH16-3076H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH16 protein(O75309-1)(Lys19-Ala786), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	19-786 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 100mM NaCl (pH 8.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CDH16, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CDH16 Antibody, Mouse IgG Tag with the EC50 of 16.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of MW 84.37 kDa. Due to glycosylation, the protein migrates to 90-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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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.

GENE INFORMATION

Gene Name CDH16 cadherin 16, KSP-cadherin [Homo sapiens]

Official Symbol CDH16

Synonyms CDH16; cadherin 16, KSP-cadherin; cadherin-16; KSP-cadherin; kidney-specific cadherin;

Gene ID 1014

mRNA Refseq NM_001204744

Protein Refseq NP_001191673

MIM 603118

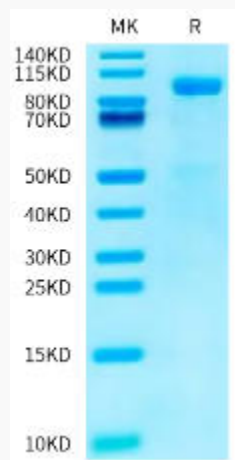
UniProt ID O75309

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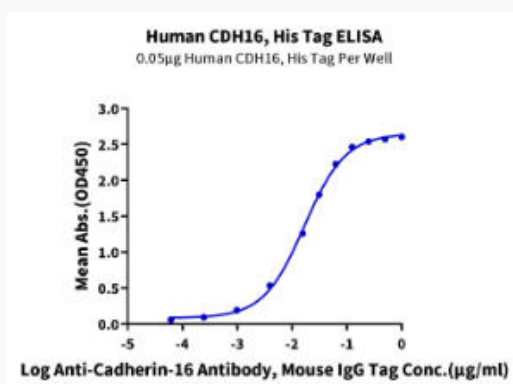
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Bis-Tris PAGE



ELISA Data



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