

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

Cat. No. CDH16-3077H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CDH16 protein, Ultra Low Endotoxin(O75309-1)(Lys19-Ala786) is expressed from HEK293 with His tag at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	19-786 aa
Form	Lyophilized from 0.22 µm filtered solution in 50mM Tris, 100mM NaCl (pH 8.0).
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 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_001191673.1

Unit ID O75309

Unit ID-Weblink <http://www.uniprot.org/uniprot/O75309>

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

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