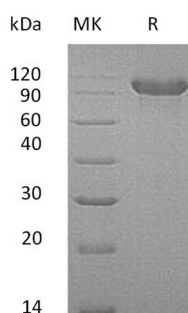


概述 (Summary)

英文全称	CDH16/Cadherin-16/Kidney-specific cadherin
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Cadherin-16 is produced by our Mammalian expression system and the target gene encoding Pro18-Ala786 is expressed with a 6His tag at the C-terminus.
Accession #	O75309
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	84.4 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human CDH16 (C-6His)
Catalog #: PHH0387



背景 (Background)

分子别名 (Alternative Names)

CDH16; Cadherin-16; Kidney-specific cadherin; Ksp-cadherin

背景介绍 (References)

Cadherin-16(CDH16) is a single-pass type I membrane protein which contains six cadherin domains. Mature cadherin proteins consist of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small highly conserved C-terminal cytoplasmic domain. Cadherins are calcium-dependent cell adhesion proteins and may contribute to the sorting of heterogeneous cell types. They preferentially interact with themselves in a homophilic manner in connecting cells. Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain. CDH16 is exclusively expressed in kidney, where the protein functions as the principal mediator of homotypic cellular recognition. It plays a role in the morphogenic direction of tissue development. CDH16 is composed of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain. However, it lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.