

CDH16 抗原（重组蛋白）

中文名称： CDH16 抗原（重组蛋白）

英文名称： CDH16 Antigen (Recombinant Protein)

别名： cadherin 16

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 630-829 amino acids of human CDH16

技术规格

Full name:	cadherin 16
Swissprot:	O75309
Gene Accession:	BC027912
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in

the morphogenic direction of tissue development. Alternatively spliced transcript variants encoding distinct isoforms have been identified.