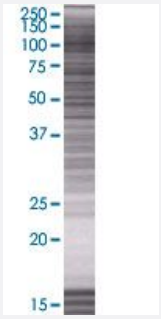
CDH16 293T Cell Transient Overexpression Lysate(Denatured)

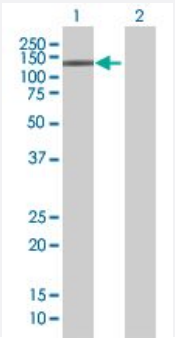
Catalog # H00001014-T01 Size 100 uL

Applications



SDS-PAGE Gel

CDH16 transfected lysate.



Western Blot

Lane 1: CDH16 transfected lysate (89.9 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CDH16 full-length
Host	Human
Theoretical MW (kDa)	89.9
Interspecies Antigen Sequence	Mouse (77); Rat (77)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CDH16 antibody (H00001014-B01) by Western Blots. SDS-PAGE Gel CDH16 transfected lysate. Western Blot Lane 1: CDH16 transfected lysate (89.9 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CDH16

Entrez GeneID	1014
GeneBank Accession#	NM_004062.2
Protein Accession#	NP_004053.1
Gene Name	CDH16
Gene Alias	-
Gene Description	cadherin 16, KSP-cadherin
Omim ID	603118
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq
Other Designations	KSP-cadherin|cadherin 16|kidney-specific cadherin