

Recombinant Human CDH16

Catalog No: #GP12694



Package Size: #GP12694-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CDH16
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 630-829 amino acids of human CDH16
Target Name	cadherin 16
Accession No.	Swissprot:O75309Gene Accession:BC027912
Uniprot	O75309
GeneID	1014;
Storage	-20~-80°C, pH 7.6 PBS

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.?

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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