

**CDH26 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP19914B

**Specification**

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**CDH26 Blocking Peptide (C-term) - Product Information**

Primary Accession

[Q8IXH8](#)

Other Accession

[NP\\_068582.2](#)**CDH26 Blocking Peptide (C-term) - Additional Information****Gene ID** 60437**Other Names**

Cadherin-like protein 26, Cadherin-like protein VR20, CDH26

**Target/Specificity**

The synthetic peptide sequence is selected from aa 833-846 of HUMAN CDH26

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**CDH26 Blocking Peptide (C-term) - Protein Information****Name** CDH26**Function**

Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. Ligand for integrins alpha-E/beta-7, ITGAE:ITGAB7, alpha-4/beta-7, ITGA4:ITGAB7 and alpha-4/beta-1, ITGA4:ITGAB1 through which modulates CD4(+) T cells activation (PubMed:<a href="http://www.uniprot.org/citations/28051089" target="\_blank">28051089</a>).

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Expressed by epithelial cells of gastrointestinal tissue.

## **CDH26 Blocking Peptide (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

## **CDH26 Blocking Peptide (C-term) - Images**

## **CDH26 Blocking Peptide (C-term) - Background**

Cadherins are a family of adhesion molecules that mediate Ca<sup>2+</sup>-dependent cell-cell adhesion in all solid tissues and modulate a wide variety of processes, including cell polarization and migration. Cadherin domains occur as repeats in the extracellular region and are thought to contribute to the sorting of heterogeneous cell types and the maintenance of orderly structures such as epithelium. This gene encodes a cadherin domain-containing protein whose specific function has not yet been determined. Alternative splicing occurs at this locus and two transcript variants, encoding distinct proteins, have been identified.

## **CDH26 Blocking Peptide (C-term) - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :  
Ferreira, M.A., et al. Allergy 64(11):1623-1628(2009)  
Deloukas, P., et al. Nature 414(6866):865-871(2001)  
Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000)