10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CDH26 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP19914B

Specification

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:28051089).

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed by epithelial cells of gastrointestinal tissue.

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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 Ca2+-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)