

Product datasheet for **SR311825**

Cadherin like 26 (CDH26) Human siRNA Oligo Duplex (Locus ID 60437)

Product data:

Product Type:	siRNA Oligo Duplexes
Purity:	HPLC purified
Quality Control:	Tested by ESI-MS
Sequences:	Available with shipment
Stability:	One year from date of shipment when stored at -20°C.
# of transfections:	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
Note:	Single siRNA duplex (10nmol) can be ordered.
RefSeq:	NM_021810 , NM_177980 , NM_001348204 , NR_145482
UniProt ID:	Q8IXH8
Synonyms:	VR20
Components:	CDH26 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 60437) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	This gene encodes a member of the cadherin protein family. Cadherins are a family of calcium-dependent adhesion molecules that mediate cell-cell adhesion in all solid tissues and modulate a wide variety of processes, including cell polarization, migration and differentiation. 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 protein is expressed in gastrointestinal epithelial cells and may be upregulated during allergic inflammation. This protein interacts with alpha integrins and may also be involved in leukocyte migration and adhesion. [provided by RefSeq, Jan 2017]



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**Performance
Guaranteed:**

OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).