

# **Product datasheet for SR311350**

#### OriGene Technologies, Inc.

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## CysLT2 (CYSLTR2) Human siRNA Oligo Duplex (Locus ID 57105)

#### **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:** <u>NM 001308465</u>, <u>NM 001308467</u>, <u>NM 001308468</u>, <u>NM 001308469</u>, <u>NM 001308470</u>,

NM 001308471, NM 001308476, NM 020377

UniProt ID: Q9NS75

Synonyms: CYSLT2; CYSLT2R; GPCR21; HG57; hGPCR21; HPN321; KPG\_011; PSEC0146

Components: CYSLTR2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 57105)

Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol

Included - SR30005, RNAse free siRNA Duplex Resuspension Buffer - 2 ml

Summary: The cysteinyl leukotrienes LTC4, LTD4, and LTE4 are important mediators of human bronchial

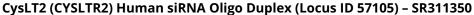
asthma. Pharmacologic studies have determined that cysteinyl leukotrienes activate at least 2

receptors, the protein encoded by this gene and CYSLTR1. This encoded receptor is a member of the superfamily of G protein-coupled receptors. It seems to play a major role in

endocrine and cardiovascular systems. [provided by RefSeq, Jul 2008]







### 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).