

## **Product datasheet for SR302058**

### OriGene Technologies, Inc.

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# **HADHSC (HADH) Human siRNA Oligo Duplex (Locus ID 3033)**

#### **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 001184705, NM 005327, NM 001331027

UniProt ID: Q16836

Synonyms: HAD; HADH1; HADHSC; HCDH; HHF4; MSCHAD; SCHAD

Components: HADH (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 3033)

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

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

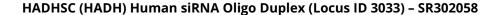
Summary: This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded

protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with

medium-chain-length fatty acids. Mutations in this gene cause one form of familial

hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene of this

gene on chromosome 15. [provided by RefSeq, May 2010]





### 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).