

Product datasheet for SR320570

OriGene Technologies, Inc.

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Hsp40 (DNAJB1) Human siRNA Oligo Duplex (Locus ID 3337)

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 001300914, NM 001313964, NM 006145

UniProt ID: P25685

Synonyms: Hdj1; Hsp40; HSPF1; RSPH16B; Sis1

Components: DNAJB1 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 3337)

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

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

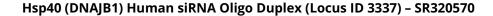
Summary: This gene encodes a member of the Dnal or Hsp40 (heat shock protein 40 kD) family of

proteins. DNAJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain' and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent

misfolded protein aggregation. Alternative splicing results in multiple transcript variants.

[provided by RefSeq, Sep 2015]







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).