

## Product datasheet for SR320631

## OriGene Technologies, Inc.

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## IKK beta (IKBKB) Human siRNA Oligo Duplex (Locus ID 3551)

**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 001190720, NM 001190721, NM 001190722, NM 001242778, NM 001556, NR 033818,

NR 033819, NR 033820, NR 040009

**UniProt ID:** <u>014920</u>

Synonyms: IKK-beta; IKK2; IKKB; IMD15; IMD15A; IMD15B; NFKBIKB

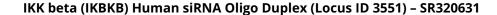
Components: IKBKB (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 3551)

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

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

**Summary:** The protein encoded by this gene phosphorylates the inhibitor in the inhibitor/NF-kappa-B

complex, causing dissociation of the inhibitor and activation of NF-kappa-B. The encoded protein itself is found in a complex of proteins. Several transcript variants, some protein-coding and some not, have been found for this gene. [provided by RefSeq, Sep 2011]





## 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).