

Product datasheet for **SR302856**

MEF2B (BORCS8-MEF2B) Human siRNA Oligo Duplex (Locus ID 4207)

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_001134794 , NM_001134795 , NM_005919 , NR_015420 , NR_027307 , NR_027308
UniProt ID:	Q02080
Synonyms:	FLJ32599; FLJ46391; MADS box transcription enhancer factor 2, polypeptide B (myocyte enhancer factor 2B); MGC189732; MGC189763; myocyte enhancer factor 2B; RSRFR2; RSRFR2, FLJ32599, FLJ46391, MGC189732, MGC189763
Components:	BORCS8-MEF2B (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 4207) 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 represents numerous read-through transcripts that span GenelD:729991 and 100271849. Many read-through transcripts are predicted to be nonsense-mediated decay (NMD) candidates, and are thought to be non-coding. Some transcripts are predicted to be capable of translation reinitiation at a downstream AUG, resulting in expression of at least one isoform of myocyte enhancer factor 2B (MEF2B) from this read-through locus. At least one additional MEF2B variant and isoform can be expressed from a downstream promoter, and is annotated on GenelD:100271849. [provided by RefSeq, Oct 2010]



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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).