

Product datasheet for **SR316616**

KIF6 Human siRNA Oligo Duplex (Locus ID 221458)

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_001289020 , NM_001289021 , NM_001289024 , NM_145027 , NM_001351503 , NM_001351566
UniProt ID:	Q6ZMV9
Synonyms:	C6orf102; dj137F1.4; dj188D3.1; dj1043E3.1
Components:	KIF6 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 221458) 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 a family of molecular motors which are involved in intracellular transport of protein complexes, membrane organelles, and messenger ribonucleic acid along microtubules. Kinesins function as homodimeric molecules with two N-terminal head domains that move along microtubules and two C-terminal tail domains that interact with the transported cargo, either directly or indirectly, through adapter molecules. This gene is ubiquitously expressed in coronary arteries and other vascular tissue. A naturally occurring mutation in this gene is associated with coronary heart disease. [provided by RefSeq, May 2017]



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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).