

## Product datasheet for **SR308361**

### HYAL4 Human siRNA Oligo Duplex (Locus ID 23553)

#### 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:	<a href="#">NM_012269</a>
UniProt ID:	<a href="#">Q2M3T9</a>
Synonyms:	CSHY; HYAL-4
Components:	HYAL4 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 23553) 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 protein which is similar in structure to hyaluronidases but lacks hyaluronidase activity. The encoded protein acts as a chondroitin-sulfate-specific endo-beta-N-acetylgalactosaminidase; that is, it exhibits hydrolytic activity toward chondroitin sulfate chains and degrades them into oligosaccharides. Proteoglycans are formed by the covalent linkage of chondroitin sulfate chains to protein. Proteoglycans are ubiquitous components of the extracellular matrix of connective tissues and are also found at the surface of many cell types where they participate in a variety of cellular processes such as cell proliferation, differentiation, migration, cell-cell recognition, extracellular matrix deposition, and tissue morphogenesis. The expression of this gene is highest in testes and placenta. [provided by RefSeq, Apr 2019]



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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](mailto: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).