

## Product datasheet for **SR307908**

### NT5C2 Human siRNA Oligo Duplex (Locus ID 22978)

#### 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_001134373</a> , <a href="#">NM_012229</a> , <a href="#">NM_001351169</a> , <a href="#">NM_001351170</a> , <a href="#">NM_001351171</a> , <a href="#">NM_001351172</a> , <a href="#">NM_001351173</a> , <a href="#">NM_001351174</a> , <a href="#">NM_001351175</a> , <a href="#">NM_001351176</a> , <a href="#">NM_001351177</a> , <a href="#">NM_001351178</a> , <a href="#">NM_001351179</a> , <a href="#">NM_001351180</a> , <a href="#">NM_001351181</a> , <a href="#">NM_001351182</a> , <a href="#">NM_001351183</a> , <a href="#">NM_001351184</a> , <a href="#">NM_001351185</a> , <a href="#">NM_001351186</a> , <a href="#">NM_001351187</a> , <a href="#">NM_001351188</a> , <a href="#">NM_001351189</a> , <a href="#">NM_001351190</a> , <a href="#">NM_001351191</a> , <a href="#">NM_001351192</a> , <a href="#">NM_001351193</a> , <a href="#">NM_001351194</a> , <a href="#">NM_001351195</a> , <a href="#">NM_001351196</a> , <a href="#">NM_001351197</a>
UniProt ID:	<a href="#">P49902</a>
Synonyms:	cN-II; GMP; NT5B; PNT5; SPG45; SPG65
Components:	NT5C2 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 22978) 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 hydrolase that serves as an important role in cellular purine metabolism by acting primarily on inosine 5'-monophosphate and other purine nucleotides. [provided by RefSeq, Oct 2011]



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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).