

## Product datasheet for **SR311229**

### **ANKS1B Human siRNA Oligo Duplex (Locus ID 56899)**

#### **Product data:**

<b>Product Type:</b>	siRNA Oligo Duplexes
<b>Purity:</b>	HPLC purified
<b>Quality Control:</b>	Tested by ESI-MS
<b>Sequences:</b>	Available with shipment
<b>Stability:</b>	One year from date of shipment when stored at -20°C.
<b># of transfections:</b>	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
<b>Note:</b>	Single siRNA duplex (10nmol) can be ordered.
<b>RefSeq:</b>	<a href="#">NM_001204065</a> , <a href="#">NM_001204066</a> , <a href="#">NM_001204067</a> , <a href="#">NM_001204068</a> , <a href="#">NM_001204069</a> , <a href="#">NM_001204070</a> , <a href="#">NM_001204079</a> , <a href="#">NM_001204080</a> , <a href="#">NM_001204081</a> , <a href="#">NM_020140</a> , <a href="#">NM_152788</a> , <a href="#">NM_181670</a> , <a href="#">NM_001352185</a> , <a href="#">NM_001352186</a> , <a href="#">NM_001352187</a> , <a href="#">NM_001352188</a> , <a href="#">NM_001352189</a> , <a href="#">NM_001352190</a> , <a href="#">NM_001352191</a> , <a href="#">NM_001352192</a> , <a href="#">NM_001352193</a> , <a href="#">NM_001352194</a> , <a href="#">NM_001352195</a> , <a href="#">NM_001352196</a> , <a href="#">NM_001352197</a> , <a href="#">NM_001352198</a> , <a href="#">NM_001352199</a> , <a href="#">NM_001352200</a> , <a href="#">NM_001352201</a> , <a href="#">NM_001352202</a> , <a href="#">NM_001352203</a> , <a href="#">NM_001352204</a> , <a href="#">NM_001352205</a> , <a href="#">NM_001352206</a> , <a href="#">NM_001352207</a> , <a href="#">NM_001352208</a> , <a href="#">NM_001352209</a> , <a href="#">NM_001352210</a> , <a href="#">NM_001352211</a> , <a href="#">NM_001352212</a> , <a href="#">NM_001352213</a> , <a href="#">NM_001352214</a> , <a href="#">NM_001352216</a> , <a href="#">NM_001352217</a> , <a href="#">NM_001352218</a> , <a href="#">NM_001352219</a> , <a href="#">NM_001352220</a> , <a href="#">NM_001352221</a> , <a href="#">NM_001352222</a> , <a href="#">NM_001352223</a> , <a href="#">NM_001352224</a> , <a href="#">NM_001352225</a>
<b>UniProt ID:</b>	<a href="#">Q7Z6G8</a>
<b>Synonyms:</b>	AIDA; AIDA-1; ANKS2; cajalin-2; EB-1; EB1
<b>Components:</b>	ANKS1B (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 56899) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml



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**Summary:** This gene encodes a multi-domain protein that is predominantly expressed in brain and testis. This protein interacts with amyloid beta protein precursor (AbetaPP) and may have a role in normal brain development, and in the pathogenesis of Alzheimer's disease. Expression of this gene has been shown to be elevated in patients with pre-B cell acute lymphocytic leukemia associated with t(1;19) translocation. Alternatively spliced transcript variants encoding different isoforms (some with different subcellular localization, PMID:15004329) have been described for this gene. [provided by RefSeq, Aug 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](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).