



## Human R2D2 blocking peptide (DAG-P1100)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	The RNA interference (RNAi) pathway is initiated by processing long double-stranded RNA into small interfering RNA (siRNA). The siRNA-generating enzyme consists of DCR-2 and R2D2. R2D2 is homologous to the <i>Caenorhabditis elegans</i> RNAi protein RDE-4.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">r2d2 [ <i>Drosophila melanogaster</i> (fruit fly) ]</a>
<b>Official Symbol</b>	R2D2
<b>Synonyms</b>	R2D2; cg7138; CG7138; Dmel\CG7138; R2d2; R2D2; CG7138-PA; CG7138-PB; r2d2; r2d2-PA; r2d2-PB;
<b>Entrez Gene ID</b>	<a href="#">34066</a>
<b>mRNA Refseq</b>	<a href="#">NM_001169432.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001162903.1</a>
<b>UniProt ID</b>	Q9VLW8

**Chromosome Location** 28C4-28C4

**Function** double-stranded RNA binding;