



# MISSION<sup>®</sup> siRNA – 50% Off

## Better siRNA Design, Better RNAi Performance

### MISSION<sup>®</sup> *siRNA*



#### Pre-Arrayed siRNA

Off the shelf siRNA druggable genome libraries and individual gene panels are available for human and rat.

#### Pre-Designed siRNA

For convenience you can choose your siRNA from our pre-designed libraries for human, mouse and rat.

#### Custom Designed siRNA

If your gene is not represented in our pre-designed libraries then why not let us design the siRNA for you.

#### Rosetta Design Algorithm

All our siRNA is designed using the Rosetta siRNA Design Algorithm. This utilizes Position-Specific Scoring Matrices (PSSM) and knowledge of the all-important siRNA seed region to predict the most effective and specific siRNA sequences for your target gene of interest. Additionally, the Rosetta algorithm has been refined with feedback from over 3 years of gene-silencing experiments.

#### The MISSION siRNA Performance Guarantee

Sigma guarantees that 2 out of 3 siRNA duplexes per target gene will achieve knockdown efficiencies of greater than or equal to 75%.



Description	Scale	List Price	Offer Price
Pre-Designed	2 O.D.	€165.60	€82.80
Custom Designed	2 O.D.	€165.60	€82.80

[sigma.com/rnai](http://sigma.com/rnai)

50% discount applies to Pre-Designed and Custom Designed siRNA duplexes only at the 2 O.D. scale of synthesis. Other scales of synthesis are available. To receive this discount please quote the promotional code **G85** in your order. This offer cannot be used in conjunction with any other offer and is **valid until 31st December 2009**

## Ordering Pre-Arrayed

- Go to [sigma.com/rnai](http://sigma.com/rnai) and click on pre-arrayed on the product menu.

- On the next page click on the library of your choice.

**Pre-arrayed MISSION siRNA Libraries Ordering Information**

- [MISSION siRNA Human Druggable Genome](#) 2
- [MISSION siRNA Rat Druggable Genome](#)
- [MISSION siRNA Mouse Kinase Library](#)

- On the next page simply add your choice to your cart.

## Ordering Pre-Designed

- Go to [sigma.com/lyfg](http://sigma.com/lyfg) and search for your gene.

- Refine your search further.

Gene Symbol	Gene ID	Species	Description
JAK1	3716	Human	Janus kinase 1 (a protein tyrosine kinase)
Jak1	16451	Mouse	Janus kinase 1
Jak1	64590	Rat	Janus kinase 1

- Select your siRNA from the table and add this to your cart (4).

Select	siRNA ID	RefSeq ID	Approx. siRNA Start	siRNA Type	Ranking	Quantity	Purification	Price (USD)
<input checked="" type="checkbox"/>	SASI_Hs01_00174612	NM_002227	1591	Validated MISSION® siRNA	1	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174613	NM_002227	952	Validated MISSION® siRNA	2	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174614	NM_002227	3090	Validated MISSION® siRNA	3	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174615	NM_002227	3631	MISSION® siRNA	4	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174616	NM_002227	1544	MISSION® siRNA	5	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174617	NM_002227	3734	MISSION® siRNA	6	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174618	NM_002227	2498	MISSION® siRNA	7	10 nmol	Standard	
<input type="checkbox"/>	SASI_Hs01_00174619	NM_002227	3765	MISSION® siRNA	8	10 nmol	Standard	

## Ordering Custom Designed

- Simply send an email to: [oligo.design@sial.com](mailto:oligo.design@sial.com) with the following information included:
  - Reference gene accession number or Gene ID
  - Gene name or Gene abbreviation
- Your siRNA designs will be sent to you by email within working days of submitting your design request. Our design service is free of charge.
- Then enter these sequences online through our custom product portal.