



# RNAi services from Invitrogen

## Put years of experience in gene inhibition to work for you

Whether you're a novice or an expert, our proven expertise will help you get ahead in your RNAi experiments.

Invitrogen offers RNAi services to quickly optimize factors critical for your RNAi success (Table 1). Invitrogen's RNAi services utilize Stealth™ RNAi technology for high level gene knockdown without induction of toxic cellular stress responses that can confound RNAi results. Use these services to save time while freeing your valuable resources to move your studies ahead fast.

**Table 1 - Critical factors for RNAi success**

Critical factor:	Invitrogen service:
Efficient Transfection	Optimized transfection protocol development
Effective RNAi compounds	RNAi compound synthesis and screening

## Optimized transfection protocol development

Highly efficient delivery of nucleic acids is vital to RNAi success. Invitrogen's service offering combines transfection expertise with Stealth™ RNAi and BLOCK-iT™ technologies to generate a highly optimized protocol, fast. Let Invitrogen develop your RNAi transfection protocols, you'll spend your valuable time advancing your research, not dealing with transfection hassles.

You provide	You receive
Cell and culture conditions	<ul style="list-style-type: none"><li>• Optimized transfection protocol</li><li>• RNAi confirmation by qRT-PCR</li></ul>

## RNAi compound synthesis and screening:

For RNAi to work you must have highly active RNA molecules. Selecting these molecules, even with the most advanced algorithms, can require tedious screening to identify highly active compounds. Don't squander your time searching for efficient RNAi compounds – put our experience to work for you.

You provide	You receive
DNA, sequence information, or an accession number	<ul style="list-style-type: none"><li>• Panel of Stealth™ RNAi compounds</li><li>• Inhibition data for each Stealth™ RNAi</li></ul>

## RNAi services tailored to your needs

Whether you're new or highly experienced in RNAi applications, our proven technology and services can speed your research. Let Invitrogen develop the right service to meet your needs. For more information email: [evoquestorders@invitrogen.com](mailto:evoquestorders@invitrogen.com)

\*\* Each target gene and cell line is different, and successful inactivation depends upon target transcript half life, target protein half life, target accessibility and cellular uptake.



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