

Datasheet for ABIN3188304

Control siRNA duplex negative control

Overview

Quantity:	5 nM
Oligo-Type:	siRNA Oligo
Application:	RNA Interference (RNAi), Control (Ct)

Product Details

Purpose:	negative Control siRNA duplex
Characteristics:	Negative control is constituted of siRNA presenting no homology with any known eukaryotic gene. siRNA control is already annealed and shipped dried. The proposed sequence is properly validated.
Purification:	PAGE purified and 100 % MALDI-TOF Mass Spectrometry controlled.

Application Details

Comment:	Two kinds of negative controls may be used. First, a parallel experiment with a scrambled sequence of the siRNA of interest can be made. It is also possible to perform this control with a siRNA containing one to three mismatches in the sequence of interest. This control allows to check the specificity of the siRNA of interest. Second, it is possible to use a perfectly unique sequence which should not match to any sequence in the genome of interest, this to show the correlation between the siRNA of interest and the silencing effect. It is advised to use this negative control in every experiment.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-80 °C,-20 °C
Storage Comment:	Store siRNA oligos as a dry pellet at -20°C (or preferably -70°C) in a non-frost free freezer until

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Handling

ready to use. Once resuspended in RNase-free buffer, store at -70°C and avoid contact with RNases. siRNA oligos should be resuspended to a convenient stock concentration (20 to 50 μ M) and stored in small aliquots to avoid multiple freeze thaw cycles. When stored under these conditions and using good RNase-free technique, they typically remain stable for 6 months or more. The solution can be freeze-thawed up to 5 times. For long-term storage, siRNA oligos should be dried.

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)