mmu-miR-709 miRNA – Mmu-Mir-709 (Mouse)

PRODUCT OVERVIEW

Product Name	mmu-miR-709, miRNA
Full Product Name	mmu-miR-709 miRNA Antagomir
Product Gene Name	mmu-miR-709 mirna
Host	Synthetic
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Specificity	Antagomir is chemically-modified single-strand miRNA inhibitor functioning by blocking miRNA regulation of target gene expression efficiently. They are synthesized to reduce the ability of endogenous miRNAs to silence target mRNA transcripts. They can down-regulate the corresponding endogenous miRNAs. Our miRNA antagomir is single-strand miRNA inhibitor carrying the chemically modifications functioning by blocking miRNA regulation of target gene expression efficiently.
Preparation and Storage	Shipped at 4 degree C. Store at -20 degree C for one year. Avoid freeze-thaw cycles after reconstitution.
Components	This synthetic miRNA is based on the mature miRNA sequence. The strand of the antagomir has 2 phosphorothioates at the 5' end, 4 phosphorothioates, 1 cholesterol group at the 3' end, and full-length nucleotide 2'-methoxy modification. Stability of miRNA antagomir appears to be significantly higher than miRNA inhibitors. It exhibits enhanced cellular uptake, stability and regulatory activity and is recommended for miRNA functional studies in vitro and in vivo.
Directions for Use	Briefly centrifuge tubes containing miRNA antagomir to ensure that the miRNA pellet is located at the bottom of the tube. Dissolve miRNA antagomir to a convenient stock concentration using the recommended volume of DEPC H2O (or RNase-free water). For example: dissolve 10 nmol miRNA antagomir to 20 uM using 500 ul DEPC H2O (or RNase-free water). Pipette the solution up and down 3-5 times (or vortex briefly). Briefly centrifuge tubes containing miRNA antagomir to ensure that the solution is collected at the bottom of the tube. Aliquot the miRNA antagomir into small volumes and store at <= -20 degree C. miRNA antagomir is stable (for 6 months under the specified storage condition). For best results, use in 3 months and limit freeze-thaw events for each tube no more than five times.
Product Categories/Family for mmu-miR-709 mirna	miRNA
Related Product Information for mmu-miR-709 mirna	Synthetic miRNA Antagomir is used to inhibit the activity of target mmu-miR-709 mRNA.
Other Notes	Small volumes of mmu-miR-709 mirna vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for mmu-miR-709 purchase	MBS8318840 is an miRNA targeting mmu-miR-709. Also known as mmu-miR-709 miRNA Antagomir. Reactive in Mouse. Host: Synthetic.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for mmu-miR-709. It may not necessarily be applicable to this product.

NCBI Accession #	MIMAT0003499
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/mouse-mirna/mmu-mir-709/8318840