PI Reagent – 1-5uM

PRODUCT OVERVIEW

Product Name	PI, Reagent
Full Product Name	PI
Product Gene Name	PI reagent
Concentration	1-5uM (lot specific)
Preparation and Storage	Stored at 4 degree C for 12 months, protected from light Shipping: Gel pack with blue ice.
Features & Benefits	PI is often used in combination with other dyes such as CalcIN-AM, Hoechst 33258, or Hoechst 33342 to distinguish between early and late apoptotic cells and dead cells. In addition, PI is often used as a double stainfor multicolor fluorescent dyeing.
Usage Notes	1. Please immediately centrifugal the product to the bottom of the tube before use, and then conduct the subsequent experiments. 2.PI is generally considered to be carcinogenic, so please pay attention to proper protection. 3. Fluorescent dyes all have the problem of quenching. Try to avoid light and observe immediately to slow down the quenching. 4. For your safety and health, please wear a lab coat and wear disposable gloves to operate.
Product Categories/Family for PI reagent	Cell analysis; Organelle extraction and staining
Related Product Information for PI reagent	Propidium Iodide (PI), molecular formula C27H34I2N4, molecular weight 668.4, CAS number 25535-16-4, is a nucleic acid fluorescent dye, can be used to stain mammals, bacteria, yeast. It cannot penetrate living cell membranes, but can penetrate the cell membranes of dead cells and late apoptotic cells to stain the nucleus.
Other Notes	Small volumes of PI reagent 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 PI purchase	MBS9719643 is a reagent targeting PI.

ADDITIONAL DETAILS

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

Protein Family	Floral homeotic protein
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.
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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.

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