CREATIVE BIOMART®
Assay Kit

GUS Stain Kit, Ready-to-Use

Product Information

Product Overview

X-Gluc (5-bromo-4-chloro-3-indolyl-β-D-glucuronide; MW 521.8, CAS 18656-96-7) is a substrate for β-glucuronidase (GUS) and is widely used for detection of GUS reporter gene expression in transgenic plants and Escherichia coli.
Under appropriate reaction conditions, GUS hydrolyzes X-Gluc to form an insoluble blue indigo precipitate. Regions exhibiting GUS activity appear blue or blue-speckled and can be observed by eye or microscopy. This ready-to-use kit is designed for convenient preparation of staining working solution and is primarily used for qualitative analysis of GUS gene expression in plant research.

Size

20 mL

Storage

Store at -20 °C, protected from light. Shelf life: 6 months.

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