

lactose synthase

Cat. No. EXWM-2448

Lot. No. (See product label)

Introduction

Description The enzyme is a complex of two proteins, A and B. In the absence of the B protein (α -lactalbumin), the enzyme catalyses the transfer of galactose from UDP- α -D-galactose to N-acetylglucosamine (EC 2.4.1.90 N-acetyllactosamine synthase).

Synonyms UDP-galactose-glucose galactosyltransferase; N-acetyllactosamine synthase; uridine diphosphogalactose-glucose galactosyltransferase; lactose synthetase; UDP-galactose:D-glucose 4- β -D-galactotransferase; UDP-galactose:D-glucose 4- β -D-galactosyltransferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.4.1.22

CAS No. 9030-11-9

Reaction UDP- α -D-galactose + D-glucose = UDP + lactose

Notes This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.