



β -1,4-galactosyltransferase

Catalog No.: EN01005

Batch: TZ20220105

Synonym: LgtB

E.C. Number: 2.4.1.90

Molecular weight: 34 kDa

Activity: 5.99 U/mL

Protein: 3.97 mg/mL

Purity: \geq 90% by SDS-page

Sources: Recombinant microorganism

Description:

Analysis: Enzymatic activity assays are performed in Tris-HCl buffer (200 mM, pH 8.0) containing UDP-Gal (20 mM), GlcNAc (20 mM), and Mg^{2+} (20 mM) at 37 °C for 30 minutes and analyzed using HPLC with UV detection at 254 nm.

Unit Definition: One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol of Gal β 1,4GlcNAc from UDP-Gal and GlcNAc per minute at 37 °C.

Usage: Before use, keep on ice.

Physical form: Supplied as a liquid containing Tris-HCl and sodium salts.

Properties: liquid

Storage temperature: - 20 °C

Caution: For laboratory use only, not for drug, household, or other uses.