



Galactokinase

Catalog No.: EN01013

Batch: TZ20211111

Synonym: GalK

E.C. Number: 2.7.1.6

Molecular weight: 43 kDa

Activity: 20.0 U/mL

Protein: 7.15 mg/mL

Purity: $\geq 95\%$ by SDS-page

Sources: Recombinant microorganism

Description:

Analysis: Enzymatic activity assays are performed in Tris-HCl buffer (200 mM, pH 8.0) containing ATP (20 mM), Gal (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-1-P from Gal and ATP 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.