



L-Fucokinase/GDP-fucose Pyrophosphorylase

Catalog No.: EN01010

Batch: TZ20220111

Synonym: FKP

E.C. Number: 2.7.1.52/2.7.7.30

Molecular weight: 106 kDa

Activity: 9.0 U/mL

Protein: 6.0 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), L-Fuc (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 Fuc-1-P from L-Fuc 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.