



## $\beta$ 1,3-galactosyltransferase

**Catalog No.:** EN01029

**Batch:** TZ20220215

**Synonym:** CgtB

**E.C. Number:** 2.4.1.62

**Molecular weight:** 34 kDa

**Activity:** 6.95 U/mL

**Protein:** 3.06 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), 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  $\mu$ mol Gal  $\beta$ 1,3Gal from Gal and UDP-Gal per min 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.