



## $\alpha$ -1,3/4-fucosyltransferase

**Catalog No.:** EN01014

**Batch:** TZ20220126

**Synonym:**  $\alpha$ 1,3/4FucT

**E.C. Number:** 2.4.1.65

**Molecular weight:** 45 kDa

**Activity:** 3.47 U/mL

**Protein:** 3.15 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), L-Fuc (20 mM), and  $Mn^{2+}$  (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 of Fuc-1-P from L-Fuc and ATP per minute at 37 °C (in 20mM  $MnCl_2$ , pH8.0).

**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.