

**Recombinant Human Galactose Mutarotase/GALM Protein(C-6His)**

**Cat.NO.: TP06138**

3th Edition

**Synonyms:** Aldose 1-Epimerase; Galactose Mutarotase; GALM

**Description:** Galactose Mutarotase (GALM) is a cytoplasmic enzyme that belongs to the Aldose Epimerase family. GALM is a Mutarotase that converts  $\beta$ -Aldose to the  $\alpha$ -Anomer. GALM is active on D-Glucose, L-Arabinose, D-Xylose, D-Galactose, Maltose and Lactose. GALM may be required for normal Galactose metabolism by maintaining the equilibrium of  $\beta$ - and  $\alpha$ - anomers of Galactose.

**Form:** PBS

**Molecular Weight:** 38.8 kDa

**Sequences:** Ala2-Ala342

**Purity:** > 95% by HPLC

**Concentration:**

**Endotoxin Level:** <1.0 EU per 1  $\mu$ g of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.