

## Recombinant Human C1GALT1 Protein

Cat No. :KF-P1383

**表达系统:** E. coli

**蛋白结构序列:** 30-363aa

**蛋白编号:** Q9NS00

**产品别称:** Core 1 synthase, glycoprotein-N-acetylgalactosamine  
3-beta-galactosyltransferase 1, C1GALT, T-syntha

**分子量:** 41.4 kDa (357aa), (SDS-PAGE under reducing conditions)

**纯度:** >90% as determined by SDS-PAGE.

**内毒素:** ≤10EU/mg as determined by LAL test.

**标签:** N-6His

**冻干Buffer:** Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

**复溶方式:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

**运输条件:** 2-8℃

**保存条件:** Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

**生物活性:** 待查。

**功能:** 产生核心 1 O-聚糖 Gal-beta1-3GalNAc-alpha1-Ser/Thr (T 抗原)的糖基酶, 它是许多糖蛋白中扩展的 O-聚糖的前体 (PubMed:11677243)。在许多过程中核心作用, 例如血管生成、血小板生成和肾脏稳态发育 (通过相似性)。

仅供科研或生产使用, 不可直接应用于人体。