

## Recombinant Human GATC Protein

Cat No. :KF-P2202

**表达系统:** E. coli

**蛋白结构序列:** 1-136aa

**蛋白编号:** O43716

**产品别称:** Glutamyl-tRNA(Gln) amidotransferase, subunit C homolog, 15E1.2

**分子量:** 17.5 kDa (159aa), (SDS-PAGE under reducing conditions)

**纯度:** >95% 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, 30% glycerol, 1mM DTT

**运输条件:** 2-8°C

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

**生物活性:** 待查。

**功能:** 允许通过错误酰化的 Glu-tRNA(Gln)的转酰胺化在 mitochondria 中形成正确带电的 Gln-t(Gln)。该反应在谷氨酰胺和 ATP 存在下通过活化的 gamma-磷酸-Glu-tRNA(Gln) 进行

仅供科研或生产使用，不可直接应用于人体。