

Recombinant G Protein Beta 1 (GNb1)

Cat No. :KF-P2289

表达系统: E. coli

蛋白结构序列: Ser2~Asn340

蛋白编号: P62873

产品别称: guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1,
guanine nucleotide binding protein

分子量: 44kDa

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 0.4M UREA, 10% glycerol

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: 鸟苷酸结合蛋白 (G 蛋白) 作为调节器或转换器参与各种跨膜信号系统

(PubMed:2992551, PubMed:33762731, PubMed:34239069, PubMed:3561022, PubMed:35714614,
PubMed:35835867, PubMed:36087581 PubMed:36989299, PubMed:37327704, PubMed:37935376,
Pub:37935377, PubMed:37963465, PubMed:37991948, PubMed38168118, PubMed:38552625)。
β 和 γ 链对于 GTP 酶活性、GDP 被 GTP 以及 G 蛋白-效应器相互作用是必需的(PubMed:29925951,
PubMed:33762731, Pub:34239069, PubMed:35610220, PubMed:35714614, PubMed35835867,





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PubMed:36087581, PubMed:36989299, PubMed:3327704, PubMed:37935376, PubMed:37935377,
PubMed:3763465, PubMed:38168118, PubMed:38552625)

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