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GNAI3, 1-354aa, Human, His tag, E.coli

产品货号: TP02286

第三版

别名: Guanine nucleotide-binding protein G(k) subunit alpha, 87U6.

描述: GNAI3 belongs to the G-alpha family and G (i/o/t/z) subfamily. Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. G(k) is the stimulatory G protein of receptor-regulated K⁺ channels. The active GTP-bound form prevents the association of RGS14 with centrosomes and is required for the translocation of RGS14 from the cytoplasm to the plasma membrane.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 100mM NaCl

分子量: 43.0kDa (377aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGCTLSAEDKAAVERSKMIDRNLREDGEKAAKEVKLLLLGAGESGKSTIVKQMKII
HEDGYSEDECKQYKVVVYSNTIQSIIAIRAMGRLKIDFGAARADDARQLFVLAGSAEEGVMTPELAGVIKRLWRDGGV
QACFSRSREYQLNDSASYLNDLDRISQSNIPTQQDVLRTVKTGIVETHFTFKDLYFKMFDVGGQRSERKKWIHCFEG
VTAIIFCVALS DYDLVLAEDEEMNRMHESMKLFDSICNNKWFTETSIIILFNKKDLFEKIKRSPLTICYPEYTG SNTYEEAAA
YIQCFEDLNRRKDTKEIYTHFTCATDTKNVQFVFDAVTDVIIKNNLKECGLY

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.