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GNAI1, 1-354aa, Human, His tag, E.coli

产品货号: TP02284

第三版

别名: Guanine nucleotide-binding protein G(i) subunit alpha, Gi.

描述: GNAI1, also known as guanine nucleotide-binding protein G(i) subunit alpha, functions to relay information from cell surface receptors to intracellular effectors. Also this protein functions to open atrial potassium channels. Recombinant human GNAI1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

分子量: 42.7 kDa(377aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGCTLSAEDKAAVERSKMIDRNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKII
HEAGYSEEECKQYKAVVYSNTIQSIIAIIIRAMGRLKIDFGDSARADDARQLFVLGAAEEGFMTAELAGVIKRLWKDSGVQ
ACFNRSREYQLNDSAAYYLNDLDRIAQPNIPTQQDVLRTVKTGGIVETHFTFKDLHFKMFDVGGQRSEKRWIHCFCG
VTAIIFCVALS DYDLVLAEDEEMNRMHESMKLFDSICNNKWFTDTSIILFNKKDLFEKIKKSPLTICYPEYAGSNTYEEAA
AYIQCQFEDLNKRKDTKEIYTHFTCATDTKNVQVFDAVTDVVIKNNLKDCGLF

纯度: > 95% by HPLC

浓度: 1.0 mg/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.