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GNB1, 1-340aa, Human, His tag, E.coli

产品货号: TP02289

第三版

别名: guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1, guanine nucleotide binding protein (G protein), beta polypeptide 1

描述: Heterotrimeric guanine nucleotide-binding proteins (G proteins), which integrate signals between receptors and effector proteins, are composed of an alpha, a beta, and a gamma subunit. These subunits are encoded by families of related genes. GNB1 encodes a beta subunit. Beta subunits are important regulators of alpha subunits, as well as of certain signal transduction receptors and effectors. Recombinant human GNB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量: 39.8kDa (363aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMSELDQLRQEAQQLKNQIRDARKACADATLSQITNNIDPVGRIQMRTRRTLGRHL
AKIYAMHWGTDSRLLVSASQDGKLIWDSYTTNKVHAIPLRSSWVMTCAYAPSGNYVACGGLDNICSIYNLKTREGNVR
VSRELAGHTGYLSCCRFLDDNQIVTSSGDTTCALWDIETGQQTTTFTGHTGDVMSLSLAPDTRLFVSGACDASAKLWDV
REGMCRQFTFGHESDINAICFFPNGNAFATGSDDATCRLFDLADQELMTYSHDNIICGITSVSFSKSGRLLLAGYDDFNC
NVWDALKADRAGVLAGHDNRVSLGVTDDGMAVATGSWDSFLKIWN

纯度: > 95% by HPLC

浓度: 0.25 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.