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GNB3, 1-340aa, Human, His tag, E.coli

产品货号: TP02291

第三版

别名:Guanine nucleotide-binding protein subunit beta-3, Guanine nucleotide binding protein (G protein), beta polypeptide 3

描述:GNB3 is important regulator of alpha subunit, as well as of certain signal transduction receptor and effector. A single-nucleotide polymorphism (C825T) in this protein is associated with essential hypertension and obesity. This polymorphism is also associated with the occurrence of the splice variant GNB3-s, which appears to have increased activity. GNB3-s is an example of alternative splicing caused by a nucleotide change outside of the splice donor and acceptor sites. Additional splice variants may exist for this gene, but they have not been fully described. Recombinant human GNB3 protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

分子量:39.6 kDa(363aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMGEMEQLRQEAQLKKQIADARKACADVTLAELVSGLEVVGSRVQMRTRRTLRLG
HLAKIYAMHWATDSKLLVSASQDGKLVWDSYTTNKVHAIPLRSSWVMTCAAYAPSGNFVACGGLDNMCSIYNLKSREG
NVKVSRELSAHTGYLSCCRFLDDNNIVTSSGDTTCALWDIETGQQKTVFVGHTGDCMSLAVSPDFNLFISGACDASAKL
WDVREGTCRQFTFGHESDINAICFFPNGEAICTGSDDASCRLFDLRADQELICFSHESIICGITSVAFSLSGRLLFAGYDDFN
CNVWDSMKSERVGILSGHDNRVSCLGVTADGMAVATGSWDSFLKIWN

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.