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GNAQ, 1-359aa, Human, His tag, E.coli

产品货号: TP02287

第三版

别名:Guanine nucleotide-binding protein G(q) subunit alpha, CMC1, G-ALPHA-q, GAQ, SWS

描述:GNAQ is a guanine nucleotide-binding protein. GNAQ, an alpha subunit in the Gq class, couples a seven-transmembrane domain receptor to activation of phospholipase C-beta. Mutations at this locus have been associated with problems in platelet activation and aggregation. A related pseudogene exists on chromosome 2. Recombinant human GNAQ 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:44.5kDa (382aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSM TLESIMACCLSEEAKEARRINDEIERQLRRDKRDARRELKLLLLGTGESGKSTFIKQ
MRIIHGSGYSDEDKRGFTKLVYQNIFTAMQAMIRAMDTLKIPYKYEHNKAHAQLVREVDVEKVSAFENPYVDAIKSLWN
DPGIQECYDRRREYQLSDSTKYLLNDLDRVADPAYLPTQQDVLVRVPTTGII EYPFDLQSVIFRMVDVGGQRSERRKWIH
CFENVTSIMFLValseyDQVLVESDNENRMEESKALFRTIITYPWFQNSSVILFLNKKDLLEEKIMYSHLVDYFPEYDGPQRD
AQAAREFILKMFVDLNPDSKIIYSHFTCATDTENIRFVFAAVKDTILQLNLKEYNLV

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.