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GET4, 1-327aa Human, His tag, E.coli

产品货号: TP02228

第三版

别名: Golgi to ER traffic protein 4 homolog, Golgi to ER traffic protein 4 homolog (*S. cerevisiae*), C7orf20, CEE, CGI-20, TRC35

描述: GET4 is a component of the BAT3 complex, a multiprotein complex involved in the post-translational delivery of tail-anchored (TA) membrane proteins to the endoplasmic reticulum membrane. TA membrane proteins, also named type II transmembrane proteins, contain a single C-terminal transmembrane region. The complex acts by facilitating TA proteins capture by ASNA1/TRC40: it is recruited to ribosomes synthesizing membrane proteins, interacts with the transmembrane region of newly released TA proteins, and transfers them to ASNA1/TRC40 for targeting. Recombinant human GET4 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 10% glycerol, 0.4M Urea

分子量: 38.9 kDa (350aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMAAAAAMAEQESARNGGRNRGGVQRVEGKLRAVVEKGDYYEAHQMYRTLFFRY
MSQSKHTEARELMYSGALLFFSHGQQNSAADLSMLVLESLEKAEVEVADELLENLAKVFSLMDPNSPERVTFVSRALKWSS
GGSGKLGHPRLHQLLALTLWKEQNYCESRYHFLHSADGEGCANMLVEYSTSRGFRSEVDMFVAQAVLQFLCLKNKSSAS
VVFTTYTQKHPSIEDGPPFVEPLLNFIFWLLLAVDGGKLVFTVLCEQYQPSLRDPMYNEYLDRIGQLFFGVPPKQTSSYG
GLLGNLLTSLMGSSEQEDGEESPSDGSPIELD

纯度: > 95% by HPLC

浓度: 0.5 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.