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STBD1, 24-358aa, Human, His tag, E.coli

产品货号: TP04056

第三版

别名: Starch-binding domain-containing protein 1, GENEX3414, GENX-3414

描述: STBD1 contains 1 CBM20 (carbohydrate binding type-20) domain and may have the capability to bind to carbohydrates. This protein is expressed at high level in skeletal and cardiac muscles. Recombinant human STBD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 39.1 kDa (358aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSRRGGPDTGKDGDAEQEKDAPLGGAAIPGGHQSGSSGLSPGSPGQELVTKPEHLQE
SNGHLISKTKDLGKLQAASWRLQNPSSREVCNDRSREHVPDQFPDTEAPATSETSNRSYSEVSRNESLESPMGEWGFQKGG
EISAKAATCFAEKLPSNLLKNRAKEEMSLSDLNSQDRVDHEEWEMVPRHSSWGDVGVGGSLKAPVLNQLNQGMDNGRS
TLVEARGQQVHGKMERVAVMVPAQSQQVSVRFQVHYVTSTDVQFIAVTGDHECLGRWNTYIPLHYNKDGFWSHSIFLP
ADTVVEWKVFLVENGGVTRWEECSNRFLETGHEDKVVHAWWGIH

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.