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STX4, 1-275aa, Human, His tag, E.coli

产品货号: TP04080

第三版

别名: Syntaxin 4, p35-2, STX4A

**描述:** Syntaxin 4, also known as STX4, belongs to the syntaxin/epimorphin family of proteins. Syntaxin family is cellular receptors for transport vesicles which participate in exocytosis in neutrophils. Syntaxin 4 is crucial for normal insulin-stimulated glucose uptake in skeletal muscle and decreases in Syntaxin 4 protein levels result in reduction of whole-body insulin-stimulated glucose metabolism. Recombinant human STX4 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 0.1M NaCl, 40% glycerol, 1mM DTT

**分子量:** 34.7 kDa (300aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSHMMRDRTHEL RQGDDSSDEEDKERVALV VHPGTARLGSPDEEFFHKVRTIRQTIV  
KLG NKVQELEKQQVTILATPLPEESMKQELQNL RDEIKQLGREIRLQLKAI EPQKEEADENYNSVNTRMRKTQHGVLSQQ  
FVELINKCNMQSEYREKNVERIRRLKITNAGMVSDEELEQMLDSGQSEVFVSNILKDTQVTRQALNEISARHSEIQQLER  
SIRELHDIFTFLATEVEMQGEMINRIEKNILSSADYVERGQEHVKTALENQKKARKKKVL

**纯度:** > 95% by HPLC

**浓度:** 1 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.