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STX12, 1-248aa, Human, His tag, E.coli

产品货号: TP04075

第三版

别名: Syntaxin 12, STX13, STX14

描述: Syntaxin 12, also known as, belongs to the syntaxin family. Syntaxin family is cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX12 regulates protein transport between late endosomes and the trans-Golgi network and interacts with ABC1 (ATP-binding cassette transporter A1), a protein that facilitates cellular release of choline-phospholipids and cholesterol to apoA-I (apolipoprotein A-I). Recombinant human STX12 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 0.2M NaCl, 20% glycerol, 1mM DTT

分子量: 31.0 kDa (272aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMSYGPLDMYRNPGPSGQLRDFSSIIQTCSGNIQRISQATAQIKNLMSQLGTKQDS
SKLQENLQQHQHSTNQLAKETNELLKELGSLPLPLSTSEQRQQRLQKERLMNDFSAALNNFQAVQRRVSEKEKESARARA
GSRLSAEERQREEQLVSFDSHEEWNQMMSQEDEVAITEQDLELIKERETAIRQLEADILDVNQIFKDLAMMIHDQGD LIDSI
EANVESSEVHVERATEQLQRAAYYQKKSR

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.