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STX2, 1-264aa, Human, His tag, E.coli

产品货号: TP04078

第三版

别名: Syntaxin-2, EPIM, EPM, STX2A, STX2B, STX2C

描述: Syntaxin-2, also known as STX2, belongs to the syntaxin/epimorphin family of proteins. Syntaxin family is cellular receptors for transport vesicles which participate in exocytosis in neutrophils. STX2 is a t-SNARE that localizes to the apical plasma membrane and intracellular vesicular structures. Also, STX2, along with SNAP-23, is required for regulated surfactant secretion. Recombinant human STX2 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, 50% glycerol, 1mM DTT

分子量: 33.6 kDa (289aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMMRDRLPDLTACRKNDDGDTVVVVEKDFHMDFFHQVEEIRNSIDKITQYVEE
VKKNHHSIILSAPNPEGKIKEELEDLNKEIKKTANKIRAKLKAIEQSFDQDESGNRTSVDLRIRRTQHSLSRKFVEAMAEYNE
AQLFRERSKGRIQRQLEITGRTTTTDDELEEMLESGKPSIFTSDIISDSQITRQALNEIESRHKDIMKLETSIRELHEMFMDMA
MFVETQGEMINNIERNVMNATDYVEHAKEETKKAIKYQSKARRKK

纯度: > 95% by HPLC

浓度: 0.25 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.