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SCG5, 27-212aa, Human, His tag, E.coli

产品货号: TP03860

第三版

别名: Neuroendocrine protein 7B2, 7B2, SgV, P7B2, SGNE1, Secretogranin-5, Secretory granule endocrine protein I

描述: SCG5, also known as Neuroendocrine protein 7B2, is widely distributed in neuroendocrine tissues. It functions as a chaperone protein for the proprotein convertase PC2 and is required for the production of an active PC2 enzyme. Recombinant human SCG5 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl, 1mM DTT, 0.1mM PMSF

分子量: 22.0 kDa (195aa), confirmed by MALDI-TOF

序列:

MYSRTPDRVSEADIQRLLHGVMEQLGIARPRVEYPAHQAMNLVGPQSIEGGAHEGLQHLGPFGNIPNIVAELTGDNIPK  
DFSEDQGYDPPNPCPVGKTADDGCLNTPDTAEFSREFQLHQHLSDEPHDYPGLGKWNKKLLYEKMKGGERRKRRSV  
NPYLQGGRLDNVVAKKSVPHFSDDEKDPLEHHHHHH

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.