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SCGN, 1-276aa, Human, His tag, E.coli

产品货号: TP03861

第三版

别名: Secretagogin, CALBL, DJ501N12.8, SECRET, SEGN, setagin

描述: SCGN, also known as secretagogin, is a cytoplasmic protein that contains six EF-hand domains and is related to the calcium-binding proteins Calretinin and Calbindin D28K. This protein is thought to be involved in cell proliferation and KCl (potassium chloride)-mediated calcium flux events. Through its interaction with KCl and its subsequent ability to modulate calcium storage pools within the cell, SCGN may function to negatively control growth and differentiation rates and, thus, indirectly inhibit cell replication. Recombinant SCGN 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 10% glycerol 1mM DTT, 0.1M NaCl.

分子量: 34.2 kDa (296aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMDSSREPTLGRDLAAGFWQVWQRFDADEKGYIEEKELDAFFLHMLMKLGTDDTVMKANLHKVKQQFMTTQDASKDGRIRMKELAGMFLSEDENFLLFRRENPLDSSVEFMQIWRKYDADSSGFISAAELRNFLRDLFLHHKKAISEAKLEEYTGMMKIFDRNKDGRDLNDLARILALQENFLLQFKMDACSTEERKRDFEKIFAYYDVSKTGALEGPEVDG FVKDMMELVQPSISGVLDLDFREILLRHCDVKNKDGKIQKSELALCLGLKINP

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.