

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

RCN1, 30-331aa, Human, His tag, E.coli

产品货号: TP03704

第三版

别名: Reticulocalbin-1, PIG20, RCAL, RCN

描述: Reticulocalbin 1 (RCN1) is a calcium-binding protein. It binds calcium and may regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment. The protein contains six conserved regions with similarity to a high affinity Ca(+2)-binding motif, the EF-hand. High conservation of amino acid residues outside of these motifs, in comparison to mouse reticulocalbin, is consistent with a possible biochemical function besides that of calcium binding.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

分子量: 40.4kDa (341aa) confirmed by MALDI-TOF (Real molecular weight on SDS-PAGE will be shift up)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSELEKPTVRKERVVVRPDSELGERPPEDNQSFQYDHEAFLGK
EDSKTFDQLTPDESKERLGKIVDRIDNDGDGFVTTEELKTWIKRVQKRYIFDNVAKVWKDYDRDKDDKISWEEYKQATY
GYLGNPAEFHDSSDHHTFKKMLPRDERRFKAADLNGDLTATREEFTAFLHPEEFEHMKEIVVLETLEDIDKNGDGFVDQ
DEYIADMFSHEENGPEPDWVLSEREQFNEFRDLNKGKLDKDEIRHWILPQDYDHAQAEARHLVYESDKNKDEKLTKEE
ILENWNMFVGSQATNYGEDLTKNHDEL

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.