

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

RGN, 1-299aa, Human, His tag, E.coli

产品货号: TP03721

第三版

别名:Regucalcin, RC, SMP30.

描述:RGN (Regucalcin) belongs to the SMP-30/CGR1 family. This protein is Ca (2+)-binding protein that does not contain EF-hand motif of Ca (2+)-binding domain. RGN plays a pivotal role in the keep of intracellular Ca²⁺ homeostasis due to activating Ca²⁺ pump enzymes in the plasma membrane (basolateral membrane), microsomes (endoplasmic reticulum) and mitochondria of many cells.

配方:Liquid. In 20mM Tris-HCl, pH8.0, 2M Urea, 20%Glycerol

分子量:35.4kDa (319aa)

序列:

MGSSHHHHHSSGLVPRGSHMSSIKIECVLPENCRGESPVWEEVSNLLFVDIPAKKVCRWDSFTKQVQRVTMDAPVSS
VALRQSGGYVATIGTKFCALNWKEQSAVVLATVDNDKKNRFNDGKVDPAGRYFAGTMAEETAPAVLERHQGALYSLF
PDHHVKKYFDQVDISNGLDWSLDHKIFYIYIDSLYSVDAFDYDLQTGQISNRRSVYKLEKEEQIPDGMCIDAEGLWVAC
YNGGRVIRLDPVTGKRLQTVKLPVDKTTSCCFGGKNYSEMYVTCARDGMDPEGLLRQPEAGGIFKITGLGVKGIAPYSYA
G

纯度:> 95% by HPLC

浓度:0.5mg/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.