

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。

Calumenin, 20-315 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP01411

第三版

别名: CALU.

描述: Calumenin, also known as CALU, is a multiple EF-hand calcium-binding protein located in endoplasmic reticulum(ER) and sarcoplasmic reticulum (SR) of mammalian tissues. This protein binds 7 calcium ions with a low affinity and is involved in such ER functions as protein folding and sorting.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.

分子量: 37.2 kDa (317aa)

序列:

```
MGSSHHHHHHSSGLVPRGSHMKPTEKKDRVHHEPQLSDKVHNDQAQSFYDHDHDAFLGAEAAKTFDQLTPEESKERLGKI  
VSKIDGDKDGFVTVDELKDWIKFAQKRWIYEDVERQWKGHDLNEDGLVSWEEYKNATYGYVLDDPDPDDGFNYKQM  
MVRDERRFKMADKDGDLIATKEEFTAFHPEEYDYMKDIVVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTDEPEWV  
KTEREQFVEFRDKNRDGMKDKEETKDWILPSDYDHAEAEARHLVYESDQNKDGLTKEEIVDKYDLFVGSQATDFGEAL  
VRHDEF
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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.