

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。

CAPNS1, 84-268aa, Human, His tag, E.coli

产品货号: TP01419

第三版

别名: Calpain small subunit 1, Calpain, small subunit 1, 30K, CALPAIN4, CANP, CANPS, CAPN4, CDPS, CSS1

描述: Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. Recombinant human CAPNS1 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 0.15M NaCl, 20% glycerol, 1mM DTT

分子量: 23.8kDa (208aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSRTHYSNIEANESEEVQRRLFAQLAGDDMEVSATELMNILNKVVTRHPDLKTDG
FGIDTCRSMVAVMDSDTTGKLGFEFEFKYLWNNIKRWQAIYKQFDTRSGTICSELPGAFAEAGFHLNEHLYNMIIRRYSD
ESGNMDFDNFISCLVRLDAMFRAFKSLDKDGTGQIQVNIQEWLQLTMYS

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.