

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。

CSDC2, 1-153aa, Human His tag, E.coli

产品货号: TP01736

第三版

别名: Cold shock domain-containing protein C2, dJ347H13.2, PIPPIN

描述: CSDC2, as known as cold shock domain-containing protein C2, is RNA-binding factor which binds specifically to the very 3'-UTR ends of both histone H1 and H3.3 mRNAs, encompassing the polyadenylation signal. The cold shock domain containing proteins (CSDPs) are one group of the evolutionarily conserved nucleic acid-binding proteins widely distributed in bacteria, plants, animals, and involved in various cellular processes, including adaptation to low temperature, cellular growth, nutrient stress and stationary phase. It may play a central role in the negative regulation of histone variant synthesis in the developing brain. Recombinant human CSDC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量: 19.2 kDa(176aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM TSESTSPPVVPLHSPKSPVWPTFPFHREGSRVWERGGVPPRDLPSPLPTKRTRTYS
ATARASAGPVFKGVCKQFSRSQGHGFITPENGS E DIFVHVSDIEGEYVPVEGDEVTYKMCPIPPKNQKFQAVEVVLTLQLAP
HTPHETWSGQVVGS

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.