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CEND1, 1-125aa, Human, His tag, E.coli

产品货号: TP01577

第三版

别名: Cell cycle exit and neuronal differentiation protein 1, BM88

描述: CEND1, as known as BM88, is a neuron-specific protein. It participates in cell cycle control and neuronal differentiation mechanisms during neonatal SVZ neurogenesis and becomes crucial for the transition from neuroblasts to mature neurons when reaching high levels. The similar protein in pig enhances neuroblastoma cell differentiation in vitro and may be involved in neuronal differentiation in vivo. Recombinant human CEND1 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

分子量: 15.0kDa (148aa) confirmed by MALDI-TOF (molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMESRGKSASSPKPDTKVPQVTTEAKVPPAADGKAPLTKPSKKEAPAEEKQPPAAPT  
TAPAKKTSKADPALLNNHSNLKPAPTVPSSPDATPEPKGPGDGAEEDEAASGGPGGRGPWSCENFNPL

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by BCA 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.