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BEND6, 1-279aa, Human, His tag, E.coli

产品货号: TP01323

第三版

别名: BEN domain-containing protein 6, bA203B9.1, C6orf65

描述: BEND6, as known as BEN domain-containing protein 6, is a neural BEN-solo factor that shares many functional attributes with Drosophila Insensitive, a co-repressor for the Drosophila CSL factor. This protein binds the mammalian CSL protein CBF1 and antagonizes Notch-dependent target activation. In addition, its association with Notch- and CBF1-regulated enhancers is promoted by CBF1 and antagonized by activated Notch. In utero electroporation experiments showed that ectopic BEND6 inhibited Notch-mediated self-renewal of neocortical neural stem cells and promoted neurogenesis. Recombinant human BEND6 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: 33.6kDa (302aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMQKIVQTDEITNTQAFRKGKRKRTETMDSANSDMDKQGRDPYSGNAFLPGESS
SEDEEPLAELSKEELCAKIKSLKEKLTNTRKENSRLRQSLVMLQVLPQAVTQFEELVGMAEALLKGGGTMTSASTLWRAT
NNSSPDSFASTCSNSNSNSSSPVSLKPEEEHQTDKQFQIEKWQIARCNKSKPQKFINDLMQVLYTNEYMATHSLTGAKSST
SRDKAVKPAMNQNEVQEIIIGVTKQLFPNTDDVSIRRMIGQKLNNCTKKPNLSKNLNSQDIK

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.