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Nucb2, 25-420 aa, mouse, His tagged, Recombinant, E.coli

产品货号: TP03219

第三版

别名:Nucleobindin 2 isoform 2, Calnuc, Nefa

描述:Nucleobindin-2(Nucb2) is a calcium-binding EF-hand protein. Nucb2 may be having a role in calcium homeostasis and multifunctional protein that interact with Ca(2+), nucleic acids and various regulatory proteins in different signaling pathways. In mouse brain, Nucb2 was localized in neuronal perikarya and dendrites. Recombinant mouse Nucb2 was expressed in E.coli and purified by conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 100 mM NaCl 1mM EDTA

分子量:49 kDa (417 aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMVPIDVDKTKVHNTEPVENARIEPPDTGLYYDEYLKQVIEVLETDPHFREKLQKADIEEI  
RSGRLSQELDLVSHKVRTRLDELKRQEVGRLRMLIKAKLDALQDTGMNHLLLLKQFEHLNHQNPNTFESRDLDMLIKAA  
TADLEQYDRTRHEEFKKYEMMKEHERREYLKTLSEEKRKEEESKFEEMKRKHEDHPKVNHPGSKDQLKEVWEETDGLDP  
NDFDPKTFKFLHDVNNDGFLDEQELEALFTRELEKVYNPQNAEDDMIEMEEERLRMREHVMSEIDNNKDRLVTLEEFLLR  
ATEKKEFLEPDSWETLDQQQLFTEDELKEYESIIAIQENELKKRAEELQKQKEDLQRQHDHLEAQKQEYHQAVQHLEQKK  
LQQGIAPSGPAGELKFEPHT

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.