

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。

EIF2B1, 1-305aa, Human, His tag, E.coli

产品货号: TP01992

第三版

别名: EIF-2B, EIF-2Balpha, EIF2B, EIF2BA, MGC117409, MGC125868, MGC125869

描述: EIF2B1 is one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Phosphorylation of eIF2 inhibits GEF activity of EIF2B, an inhibition that requires the eIF2B1 subunit. Defects in eIF2B1 are a cause of leukoencephalopathy with vanishing white matter (VWM), a brain disease that is characterized by head trauma and motor deterioration

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

分子量: 35.8 kDa(325aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMDDKELIEYFKSQMKEDPDMASAVAAIRTLLEFLKRDKGETIQGLRANLTSAIETLCGVD
SSVAVSSGGELFLRFISLASLEYSYKCKKIMIERGELFLRRISLSRNKIADLCHTFIKDGATILTHAYSRVVLRVLEAAVAACK
RFSVYVTEQPDLSGKKMAKALCHLNVPVTVVLDAAVGYIMEKADLVIVGAEGVVENGIIINKIGTNQMAVCAKAQNK
PFYVVAESFKFVRLFPLNQQDVPDKFKYKADTLKVAQTGQDLKEEHPWVDYTAAPSLITLLFTDLGVLTPSAVSDELIKLYL

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.