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EEF1B2, 1-225aa, Human, His tag, E.coli

产品货号: TP01970

第三版

别名:Elongation factor 1-beta, EF-1-beta, EEF1B, EEF1B1, EF1B

描述:Elongation factor 1-beta, also known as EEF1B2, is a translation elongation factor. The protein is a guanine nucleotide exchange factor involved in the transfer of aminoacylated tRNAs to the ribosome. EEF1B2 and EEF1D stimulate the exchange of GDP bound to EEF1A to GTP. Recombinant human EEF1B2 protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT, 100mM NaCl

分子量:25.8kDa (233aa) confirmed by MALDI-TOF

序列:

MGFGDLKSPAGLQVLNDYLADKSYIEGYVPSQADVAVFEAVSSPPPADLCHALRWYNHIKSYEKEKASLPGVKKALGKYG
PADVEDTTGSGATDSKDDDDIDLFGSDDEESEEAKRLREERLAQYESKKAKKPALVAKSSILLDVKPWDDDETDMAKLEEC
VRSIQADGLVWGSSKLVPGYGIKKLQIQCVVEDDKVGTDMLEEQITAFEDYVQSMDVAAFNKILEHHHHHH

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.