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EIF1B, 1-113aa, Human, His tag, E.coli

产品货号: TP01991

第三版

别名:Eukaryotic translation initiation factor 1B, GC20.

描述:EIF1B is crucial for the scanning process in vitro. During the scanning process, EIF1B is a component of a complex involved in recognition of the initiator codon. Translation is also initiated by the role of EIF1B in regulating the activity of ribosomal subunits 43S, 48S and 40S. This protein enables 43S ribosomal complexes to discern between cognate and near-cognate initiation codons, sensing the nucleotide content of initiation codons.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol,2mM DTT, 0.1M NaCl.

分子量:15.0 kDa (133aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSTIQNLQSFDPFADATKGDDLLPAGTEDYIHIRIQQRNGRKTLLTVQGIADDYDKKKL
VKAFKKKFACNGTVIEHPEYGEVIQLQGDQRKNICQFLLEVIGIVKKEQLKVHGF

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.