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EIF1, 1-113aa, Human, His tag, E.coli

产品货号: TP01988

第三版

别名:Eukaryotic translation initiation factor 1, A121, EIF-1, EIF1A, ISO1, SUI1

描述:EIF1, also known as eukaryotic translation initiation factor 1, is a universally conserved translation factor that is necessary for scanning and involved in initiation site selection. This protein promotes the assembly of 48S ribosomal complexes at the authentic initiation codon of a conventional capped mRNA. Recombinant human EIF1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT,0.1 M NaCl, and 10% glycerol

分子量:16.9 kDa (150aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWAGSMSAIQNLHSFDPFADASKGDDLLPAGTEDYIHIRIQQRN
GRKTLTTVQGIADDYDKKLVKAFKKKFACNGTVIEHPEYGEVIQLQGDQRKNICQFLVEIGLAKDDQLKVHGF

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.