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EIF1AY, 1-144aa, Human, His tag, E.coli

产品货号: TP01990

第三版

别名: Eukaryotic translation initiation factor 1A, Y-linked, eIF-1A Y isoform, eukaryotic translation initiation factor 4C (eIF-4C)

描述: EIF1AY is similar to eukaryotic translation initiation factor 1A (EIF1A). This protein seems to be required for maximal rate of protein biosynthesis. It enhances ribosome dissociation into subunits and is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNA<sup>i</sup> and eIF3) to the 5' end of capped RNA. Recombinant human EIF1AY protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量: 18.8 kDa (167aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSMPPKNGKGGKNNRRRGKNENESEKRELVFKEDGQEYAQVIKMLGNGRLEALCFDGVKRLCHIRGKLRKKVWINTSDIILVGLRDYQDNKADVILKYNADARSLSKAYGELPEHAKINETDTFGPGDDDEIQFDDIGDDEDIDDI

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.