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EIF1AX, 1-144aa, Human, His tag, E.coli

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第三版

别名:Eukaryotic translation initiation factor 1A, X-linked, eIF-1A, eIF-4C, EIF1A, EIF1AP1, EIF4C

描述:EIF1AX is an essential eukaryotic translation initiation factor. The protein is required for the binding of the 43S complex (a 40S subunit, eIF2/GTP/Met-tRNA_i and eIF3) to the 5' end of capped RNA. It seems to be required for maximal rate of protein biosynthesis. And it enhances ribosome dissociation into subunits and stabilizes the binding of the initiator Met-tRNA (I) to 40 S ribosomal subunits. Recombinant human EIF1AX protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol,5mM DTT, 200mM NaCl

分子量:18.6kDa (164aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMPKNKGKGGKNRRRGKNENESEKRELVFKEDGQEYAQVIKMLGNRLEAMCFDGVK
RLCHIRGKLRKKVWINTSDIILVGLRDYQDNKADVILKRYNADEARSLKAYGELPEHAKINETDTFGPGDDDEIQFDDIGDD
DEDIDDI

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.