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EEF1A1, 1-462aa Human, E.coli

产品货号: TP01969

第三版

**别名:**Eukaryotic translation elongation factor 1 alpha 1, CCS-3, CCS3, EEF-1, EEF1A, eEF1A-1, EF-Tu, EF1A, FLJ25721, GRAF-1EF, HNGC:16303, PT11

**描述:**EEF1A1 is an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Felty syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. Recombinant human EEF1A1 protein is expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**50 kDa (462aa)

**序列:**

MGKEKTHINIVVIGHVDSGKSTTTGHLIYKCGGIDKRTIEKFEKEAAEMGKGSFKYAWVLDKKAERERGITIDISLWKFET  
SKYYVTIIDAPGHRDFIKNMITGTSQADCAVLIVAAGVGEFEAGISKNGQTRHALLAYTLGVKQLIVGVNKMDSTEPPYS  
QKRYEEIVKEVSTYIKKIGYNPDTVAFVPISGWNGDNMLEPSANMPWFKGWKPTRKDGNASGTTLLEALDCILPPTPTD  
KPLRLPLQDVYKIGGIGTVPVGRVETGVLKPGMVVTFAPVNVTTTEVKSVEMHHEALSEALPGDNVGFNVKNVSVKDVR  
RGNVAGDSKNDPPMEAAGFTAQVILNHPGQISAGYAPVLDCHTAHIACKFAELKEKIDRRSGKKLEDGPKFLKSGDAAI  
VDMVPGKPMCVESFSDYPPLGRFAVRDMRQTVAVGVKAVDKKAAGAGKITKSAQKAQKAK

**纯度:**> 95% by HPLC

**浓度:**1.0 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.