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MRRF, 56-262aa, Human, His tag, E.coli

产品货号: TP03030

第三版

别名: Ribosome-recycling factor, mitochondrial isoform 1, MRFF, MTRRF, RRF

描述: MRRF binds to the large ribosomal subunit in the cleft that contains the peptidyl transferase center. This protein is responsible for the release of ribosome from messenger RNA at the termination of protein biosynthesis. Also, it may increase the efficiency of translation by recycling ribosome from one round of translation to another. Recombinant human MRRF protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 2mM DTT

分子量: 25.1 kDa (228aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMATKKAKAKGKGQSQTRVNINAALVEDIINLEEVNEEMKSVIEALKDNFNKTLNIRTSP
GSLDKIAVVTADGKLALNQISQISMKSPQLILVNMAFPECTAAAIKAIRESGMNLNPEVEGTLIRVPIQV TREHREMLVKL
AKQNTNKAKDSLRLKVRTNSMNKLLKSKDTVSEDTIRLIEKQISQMADDTVAELDRHLAVKTKELLG

纯度: > 95% by HPLC

浓度: 0.5mg/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.