

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

YARS2, 17-477aa, Human, His tag, E.coli

产品货号: TP04518

第三版

别名: Tyrosyl-tRNA synthetase, mitochondrial precursor, CGI-04, FLJ13995, MLASA2, MT-TYRRS, TYRRS

描述: YARS2, also known as tyrosyl-tRNA synthetase, catalyzes the attachment of tyrosine to tRNA(Tyr) in a two-step reaction: tyrosine is first activated by ATP to form Tyr-AMP and then transferred to the acceptor end of tRNA(Tyr). Recombinant human YARS2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量: 53.7 kDa (482aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMTLNLSVLLPLGLRKAHSGAQGLLAAQKARGLFKDFPETGTKIELPELFDRTASFPQTI  
YCGFDPTADSLHVGHLLALLGLFHLQRAGHNVIALVGGATARLGDPSGRTKEREALETERVRANARALRLGLEALAAH  
QQLFTDGRSWGSTVLDNSAWYQKQHLVDFLAAVGGHFRMGTLSSRQSVQLRLKSPEGMSLAEFFYQVLQAYDFYLLFQ  
RYGCRVQLGGSDQLGNIMSGYEFINKLTGEDVFGITVPLITSTTGAKLGKSAGNAVWLNDRDKTSPFELYQFFVRQPDDSVE  
RYLKLFTFLPLPEIDHIMQLHVKEPERRGPQRLAAEVTKLVHGREGLDIAKRCTQALYHSSIDALEVMSDQELKELFKEAP  
FSEFFLDPGTSVLDTCRKANAI PDGPRGYRMITEGGVSINHQQVTNPESVLIVGQHILKNGLSLLKIGKRNFYIWKWLQL
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纯度: > 95% by HPLC

浓度: 0.25 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.