

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。

DARS, 1-501aa, Human, His tag, E.coli

产品货号: TP01830

第三版

别名: Aspartyl-tRNA synthetase.

描述: DARS, also known as aspartyl-tRNA synthetase, catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

分子量: 59.3 kDa (521aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMPASASRKSQEKPREIMDAAEDYAKERYGISSMIQSQEKPDRVLVVRVRLTIQKADEVV  
WVRARVHTSRAKQKQCFLVLRQQQFNQALVAVGDHASKQMVKFAANINKESIVDVEGVVRKVNQKIGSCTQQDVE  
LHVQKIYVISLAEPRLPLQLDDAVRPEAEEGEEGRATVNQDTRLNDRVIDLRTSTSQAVFRLQSGICHLFRETLINKGFVEIQ  
TPKIISAASEGGANVFTVSYFKNNAYLAQSPQLYKQMCICADFEKVFSIGPVFRAEDSNTHRHLTEFVGLDIEMAFNYHYH  
EVMEEIADTMVQIFKGLQERFQTEIQTVNKQFPCEPFKLEPTLRLEYCEALAMLREAGVEMGDEDDLSTPNEKLLGHLVK  
EKYDITDFYILDKYPLAVRPFYTMPDPRNPKQSNYSYDMFMRGEEILSGAQRIHDPQLLTERALHHGIDLEKIKAYIDSFRFGA  
PPHAGGGIGLERVTMLFLGLHNVRQTSMFPRDPKRLTP
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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.