

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。

HARS, 1-509aa, Human, His tag, E.coli

产品货号: TP02401

第三版

别名: Histidyl-tRNA synthetase, cytoplasmic, FLJ20491, HRS, HisRS, Histidine--tRNA ligase

描述: HARS, also known as Histidyl-tRNA synthetase, function to catalyze the aminoacylation of tRNAs by their corresponding amino acids. HARS is from the class II family of aminoacyl-tRNA synthetases. It is responsible for the synthesis of histidyl-transfer RNA, which is essential for the incorporation of histidine into proteins. HARS is a frequent target of autoantibodies in the human autoimmune disease polymyositis/dermatomyositis.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl

分子量: 59.4 kDa (532aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHHSSGLVPRGSHMGMAERAAL EELVKLQGERVRGLKQQKASAE LIEEEVAKLLKLKAQLGPDESKQKFVL  
KTPKGTRDYSRQMAVREKVFVDVIIRCFKRHGAEVIDTPVFELKETLMGKYGEDSKLIYDLKDQGGELLSLRYDLTVPFARY  
LAMNKL TNIKRYHI AKVYRRDNPAMTRGRYREFYQCDFDIAGNFDP MIPDAECLKIMCEILSSLQIGDFLVKVNDRRILDG  
MFAICGVSDSKFRTICSSVDKLDKVSWE EVKNEMVGEKGLAPEVADRIGDYVQQHGGVSLVEQLLQDPKLSQNKQALEG  
LGLDKLLFEYLTLFGIDDKISFDLSLARGLDYYTGVIYEAVLLQTPAQAGEEPLGVGSVAAGGRYDGLVGMFDPKGRKVPC  
VGLSIGVERIFSIVEQRLEALEEKIRT TETQVLVASAQKKLLEERLKL VSELWDAGIKAELLYKKNPKLLNQLQYCEEAGIPLV  
AIIGEQLKDGVIKLRSVTSREEVDVRREDLVEEIKRRTGQPLCIC
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纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Absorbance at 280nm).

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.