

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。

DHPS, 1-369aa, Human, His tag, E.coli

产品货号: TP01875

第三版

别名: Deoxyhypusine synthase

描述: DHPS, which belongs to the deoxyhypusine synthase family of proteins, is important for the first step in the hypusine biosynthesis pathway. This protein catalyzes the NAD-dependent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the EIF5A precursor protein to form the intermediate deoxyhypusine residue.

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

分子量: 43.1 kDa (389aa)

序列:

MGSSHHHHHHSSGLVPRGSHMEGSLEREAPAGALAAVLKHSSTLPPESTQVRGYDFNRGBVNYRALLEAFGTTGFQATNF  
GRAVQQVNAMIEKKLEPLSQDEQHADLTQSRRLTSCITIFLGYTSNLISGIRETIRYLVQHNMVLDVLTAGGVEEDLI  
KCLAPTYLGEFSLRGKELRENGINRIGNLLVPNENYCKFEDWLMPIQDMVMEQNTEGVKWTSPKMIARLGKEINNPESV  
YYWAQKNHIPVFSPALTDGSLGDMIFFHSYKNPGLVLDIVEDLRLINTQAIFAKCTGMILGGGVVKHHIANANLMRNGA  
DYAVYINTAQEFDGSDSGARPDEAVSWGKIRVDAQPVKVYADASLVFPLLVAETFAQKMDAFMHEKNED

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.