

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。

ODC1, 1-461aa, Human, His tag, E.coli

产品货号: TP03246

第三版

别名:Ornithine decarboxylase, ODC.

描述:Ornithine decarboxylase, also known as ODC1, is the initial and rate-limiting enzyme in the biosynthetic pathway of polyamines and is involved in the conversion of ornithine to putrescine. ODC1 plays an important role in diverse biological processes, including cell growth, differentiation, transformation and apoptosis. Overexpression of the ODC1 gene plays important roles in cell proliferation and the development of cancer.

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

分子量:53.5 kDa (484aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSMNFGNEEFDCHFLDEGFTAkdILDQKINEVSSDDKDAFYVADLGDILKKHLRW  
LKALPRVTPFYAVKCNDSKAIVKTLAATGTGFDCASKTEIQLVQSLGVPPERIIYANPCKQVSQIKYAANNGVQMMTFDSE  
VELMKVARAHPKAKLVLRlATDDSKAVCRlSVKFGATLRtSRLLLERAKELNIDVVGVSFHVGSgCTDPETfVQAISDARC  
VFDMGAEVGFsMYLLDIGGGFPGsEDVKLKfEEITGVINpALDKYfPSDSGVRIIAEPGRYYVAsAFTLAVNIIAKKIVLKEQT  
GSDDeDESSEqTFMYyVNDGVyGSfNCILyDHAHVKPLlQKRPKPDEKYSSSIWgPTCDGLDRIVERCDLPEMHVGDW  
MLFENMGAYTVAAASTFNGfQRPTIYYVMSGPAWQLMQfQNPDFPPEVEEQDASTLPVSCAWESGMKRHRAACASAS  
INV

纯度:> 95% by HPLC

浓度:0.5 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.