

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

Dopa decarboxylase, 1-480 aa Human, His-tagged, Recombinant, E.coli

产品货号: TP01914

第三版

别名: DDC, AADC, Aromatic L-amino acid decarboxylase, L-Dopa decarboxylase

描述: Dopa decarboxylase, also known as DDC, is a homodimeric, pyridoxal phosphate dependent enzyme. Dopa decarboxylase is a protein implicated in 2 metabolic pathways, synthesizing 2 important neurotransmitters: dopamine and serotonin which both play key roles in many clinical disorders, including Parkinson ' s disease.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 2mM DTT 10% glycerol.

分子量: 56.4 kDa (503aa), confirmed by MALDI-TOF

序列:

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MGSSHHHHHSSGLVPRGSHTRSMNASEFRRRGKEMVDYVANYMEGIEGRQVYPDVEPGYLRPLIPAAAPQEPDTFEDII
NDVEKIIMPVTHWHSPYFFAYFPTASSYPAMLADMLCGAIGCIGFSWAASPACTELETVMMDWLGKMLELPKAFLNEK
AGEGGGVIQGSASEATLVALLAARTKVIHRLQAASPELTQAAIMEKLVAYSSDQAHSSVERAGLIGGVKLKAIPSDGNFAM
RASALQEALERDKAAGLIPFFMVATLGTTCSCFDNLLEVGPICNKEDIWLHVDAAYAGSAFICPEFRHLLNGVEFADSFNF
NPHKWLLVNFDCSAMWVKKRTDLTGAFRLDPTYLKHSHQDSGLITDYRHWQIPLGRRFRSLKMWFVFRMYGVKGLQA
YIRKHVQLSHEFESLVRQDPRFEICVEVILGLVCFRLKGSNKVNEALLQRINSAKKIHLVPCHLRDKFVLRFAICSRTVESAH
VQRAWHEHIKELAADVLRAERE
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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.