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DBH, 40-617aa, Human, His tag, E.coli

产品货号: TP01831

第三版

别名:Dopamine beta hydroxylase, DBM

描述:DBH also known as dopamine beta hydroxylase that catalyzes the chemical reaction. DBH belongs to the family of oxidoreductases, specifically those acting on paired donors, with O₂ as oxidant and incorporation or reduction of oxygen. The oxygen incorporated need not be derived from O₂ with reduced ascorbate as one donor, and incorporation of one ato of oxygen into the other donor. Recombinant human DBH, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量:67.2kDa (599aa)

序列:

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MGSSHHHHHSSGLVPRGSHMSAPRESPLPYHIPLDPEGSLELSWNVSYTQEAIHFQLLVRRLKAGVLFGMSDRGELENA
DLVVLWTDGDTAYFADAWSDQKGGIHLDPQQDYQLLQVQRTPEGLTLLFKRPFGTCDPKDYLIEDGTVHLVYGILEEPF
RSLEAINGSGLMGLQRVQLLKNIPPELPSDACTMEVQAPNIQIPSQETTYWCYIKELPKGFSRHHIIKYEPIVTKGNEAL
VHHMEVFQCAPEMDSVPHFSGPCDSKMKPDRNLNYCRHVLAAWALGAKAFYYPEEAGLAFGGPGSSRYLRLEVHYHNPL
VIEGRNDSSGIRLYYTAKLRRFNAGIMELGLVYTPVMAIPPRETAFILTGYCTDKCTQLALPPSGIHIFASQLHTHTLGRKVV
TVLVRDGREWEIVNQDNHYSHPHQEIRMLKVVSVHPGDVLITSCTYNTEDRELATVGGFGILEEMCVNYVHYYPQTQL
ELCKSAVDAGFLQKYFHLINRFNEDVCTCPQASVSQQFTSVPWNSFNRDVLKALYSFAPISMHCNKSSAVRFQGEWNL
QPLPKVISTLEEPTQCPTSQGRSPAGPTVVSIGGGKG
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纯度:> 95% by HPLC

浓度:0.25mg/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.