Creative Enzymes®

Recombinant Human Dopamine β-monooxygenase

Cat. No. EXWM-0960

Lot. No. (See product label)

Introduction

Description	Dopamine beta-hydroxylase (DBH) is a copper-containing mono-oxygenase that converts dopamine to norepinephrine in noradrenergic neurons, adrenergic neurons, and adrenal chromaffin cells. Therefore, DBH controls both norepinephrine synthesis and the dopamine/norepinephrine ratio in noradrenergic cells.

Product Information

Species	Human
Source	CHO
Form	Liquid
EC Number	EC 1.14.17.1
CAS No.	9013-38-1
Molecular Weight	65-85 kDa
Purity	Greater than 95% as determined by SDS-PAGE.
Activity	>7,000 pmol/min/μg
Reaction	dopamine + ascorbate + O2 = noradrenaline + dehydroascorbate + H2O
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store at -20°C/-70°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.