

Tyrosine decarboxylase, Microorganism

Cat. No.:	HY-P2825
CAS No.:	9002-09-9
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Tyrosine decarboxylase

BIOLOGICAL ACTIVITY

Description

Tyrosine decarboxylase, Microorganism (TDC) widely exists in plants, insects and different microorganisms, and is often used in biochemical research. Tyrosine decarboxylase is a pyridoxal 5'-phosphate (PLP)-dependent decarboxylase that catalyzes the removal of carboxyl groups from tyrosine to produce tyramine and carbon dioxide^[1].

REFERENCES

[1]. Haixia Zhu, et al. Crystal structure of tyrosine decarboxylase and identification of key residues involved in conformational swing and substrate binding. Sci Rep. 2016 Jun 13;6:27779.

Caution: Product has not been fully validated for medical applications. For research use only.

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