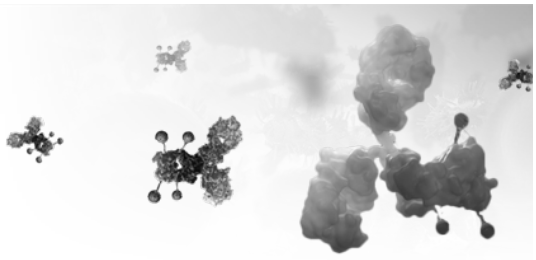

Recombinant S. faecalis Tyrosine Decarboxylase (DAG1873)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Dried cells. Holoenzyme.
Species	S. faecalis
Conjugate	Unconjugated
Applications	Enzyme Activity
Format	Dried cells
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	In enzymology, a tyrosine decarboxylase (EC 4.1.1.25) is an enzyme that catalyzes the chemical reaction: L-tyrosine tyramine + CO2. Hence, this enzyme has one substrate, L-tyrosine, and two products, tyramine and carbon dioxide. This enzyme belongs to the family of lyases, specifically the carboxy-lyases, which cleave carbon-carbon bonds. The systematic name of this enzyme class is L-tyrosine carboxy-lyase (tyramine-forming). Other names in common use include L-tyrosine decarboxylase, L-(-)-tyrosine apodecarboxylase, and L-tyrosine carboxy-lyase. This enzyme participates in tyrosine metabolism and alkaloid biosynthesis. It employs one cofactor, pyridoxal phosphate.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221