Trehalase, Powder (TBP0255)

Catalog	Unit Size
TBP0255-100	100 U

Description

Trehalase is a hydrolytic enzyme that catalyzes the breakdown of trehalose into two molecules of glucose by cleaving its α,α-1,1-glycosidic bond. It is suitable for research applications involving carbohydrate metabolism, trehalose hydrolysis, and enzyme activity studies.

Specifications

Source:	*Escherichia coli*
Expression System:	*E. coli*
Purity:	≥90%
EC Number:	3.2.1.28
Case Number:	9025-52-9
Molecular Weight:	~63.3 kDa
Specific Activity:	162 U/mg
Physical Form:	Lyophilized Powder
Storage:	-20℃ to -80℃, avoid repeated freeze-thaw cycles.

Application

- Trehalose hydrolysis
- Carbohydrate metabolism research
- Enzyme activity studies

Related Products

TBS0011	α,α-Trehalose Dihydrate
TBS8078	10% Trehalose Solution
TBS2087	Fast Glucose Determination Assay (Colorimetric/Fluorometric)
TBS2088	Glucose Oxidase Activity Assay (Colorimetric/Fluorometric)
TBS2207	α-Amylase Activity Colorimetric Assay
TBS2208	α-Glucosidase Activity Assay
TBP0054	α-Amylase, Enzyme Activity
TBP0022	Glucose Oxidase, Enzyme Activity
TBP0018	β-Galactosidase, Enzyme Activity
TBI5637	α-Amylase Inhibitor

This product is for research use only.

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408-498-0197 info@tribioscience.com