



碧云天生物技术/Beyotime Biotechnology
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分散酶II (≥ 0.5 units/mg solid, Reagent grade)

产品编号	产品名称	包装
ST2339-50mg	分散酶II (≥ 0.5 units/mg solid, Reagent grade)	50mg
ST2339-250mg	分散酶II (≥ 0.5 units/mg solid, Reagent grade)	250mg
ST2339-1g	分散酶II (≥ 0.5 units/mg solid, Reagent grade)	1g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
42613-33-2			≥ 0.5 units/mg solid	Reagent grade

➤ 基本信息(General Information):

Name (Chinese)	分散酶II
Name (English)	Dispase II
Specifications	Reagent grade, ≥ 0.5 units/mg, protease
Chemical Formula	
Synonym (Chinese)	蛋白酶 来源于多粘芽孢杆菌
Synonym (English)	Protease from Bacillus polymyxa
Beilstein Registry No.	-
EINECS Number	255-914-4
MDL Number	MFCD02253017
UNSPSC Code	12352204

➤ 产品描述(Description):

Analysis Note	The enzyme can be initially dissolved in 50 mM Hepes/KOH pH 7.4, 150 mM NaCl at 10 mg/ml. Further dilutions should be made in the cell culture media most appropriate for the cells being dissociated. Dispase is a metalloproteinase and is activated by dival
Application	The enzyme from Beyotime has been used in developing a protocol for ex vivo culture of mouse embryonic mammary buds. It has been used in the treatment of rat heart pieces during the isolation of mitochondria from rat heart. It has also been used for the iso
Biochem/physiol Actions	Dispase II is a neutral protease that hydrolyzes the N-terminal peptide bonds of non-polar amino acid residues. It may be used for separating many tissues and cells grown in vitro. The enzyme is very gentle and does not damage cell membranes.
Physical form	lyophilized powder containing calcium acetate and milk sugar
Preparation Note	A 50 U/mL stock solution may be prepared by dissolving the powder in a buffer containing 10 mM NaAc (pH 7.5) and 5 mM CaAc. It should be stored at 4°C.
Unit Definition	One unit will hydrolyze casein to produce color equivalent to 1.0 mumole (181 mug) of tyrosine per min at pH 7.5 at 37°C (color by Folin-Ciocalteu reagent), unless otherwise indicated.

➤ 性质(Properties):

activity	≥ 0.5 units/mg solid
solubility	10 mM NaAc (pH 7.5) and 5 mM CaAc: soluble
storage temp.	2-8°C

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	GHS07, GHS08
Signal Word	Danger
Hazard Statements	H315-H319-H334-H335
Precautionary Statements	P261-P305 + P351 + P338-P342 + P311
Personal Protective Equipment	-

Hazard Codes (Europe)	Xn
Risk Codes (Europe)	36/37/38-42
Safety Codes (Europe)	22-24-26-36/37
RIDADR	NONH for all modes of transport
WGK Germany	3
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

包装清单:

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—	说明书	1份

保存条件:

4°C保存。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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