Creative Enzymes®

Recombinant Eukaryotic Uridine Hydrolase, 39.4 kDa

Cat. No. CEGZ-6425

Lot. No. (See product label)

Introduction

Description	A recombinant mesophilic uridine hydrolase of eukaryotic origin with a clear substrate preference for uridine.
Applications	For research and in vitro hydrolysis of uridine and related pyrimidine ribonucleosides to ribose and nucleobases.
Synonyms	UH; uridine nucleosidase; uridine ribohydrolase

Product Information

Species	Eukaryotic
Source	Recombinant E. coli
Form	Liquid
EC Number	EC 3.2.2.3
CAS No.	9025-47-2
Molecular Weight	39.4 kDa
Specificity	Pyrimidine ribonucleosides with clear preference for uridine.
Substrates	Uridine; pyrimidine ribonucleosides
Reaction	Uridine + H2O = D-ribose + uracil
Notes	Mesophilic recombinant enzyme produced in E. coli and purified by His-tag affinity chromatography. Optimal reaction time and enzyme concentration may vary depending on the substrate.
Usage	Research and in vitro use only.

Storage and Shipping Information

Storage	-20°C