

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