Creative Enzymes®

4-chlorobenzoate dehalogenase

Cat. No. EXWM-4745

Lot. No. (See product label)

Introduction

Description	Catalyses the first step in the degradation of chlorobenzoate in Pseudomonas. In many microorganisms, this activity comprises three separate enzymes, EC 6.2.1.33 (4-chlorobenzoate-CoA ligase), EC 3.8.1.7 (4-chlorobenzoyl-CoA dehalogenase) and EC 3.1.2.23 (4-hydroxybenzoyl-CoA thioesterase).
Synonyms	halobenzoate dehalogenase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.8.1.6
CAS No.	94047-11-7
Reaction	4-chlorobenzoate + H2O = 4-hydroxybenzoate + chloride
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.