Creative Enzymes®

Recombinant Imidazoleglycerol-phosphate dehydratase from Mycobacterium tuberculosis

Cat. No. NATE-1015

Lot. No. (See product label)

Introduction

Description	Imidazole glycerol-phosphate dehydratase (IGPD) catalyzes the sixth step of histidine biosynthesis. The enzyme is of fundamental biochemical interest, because it catalyzes removal of a non-acidic hydrogen atom in the dehydration reaction.
Synonyms	IGPD; EC 4.2.1.19; 9024-35-5; IGP dehydratase; D-erythro-1-(imidazol-4-yl)glycerol 3-phosphate hydro-lyase

Product Information

Species	Mycobacterium tuberculosis
Source	E. coli
Appearance	Colourless clear liquid
EC Number	EC 4.2.1.19
CAS No.	9024-35-5
Molecular Weight	25 kDa
Purity	> 80 %

Storage and Shipping Information

Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.