Creative Enzymes®

anthranilate phosphoribosyltransferase

Cat. No. EXWM-2645

Lot. No. (See product label)

Introduction

Description	In some organisms, this enzyme is part of a multifunctional protein together with one or more other components of the system for biosynthesis of tryptophan [EC 4.1.1.48 (indole-3-glycerol-phosphate synthase), EC 4.1.3.27 (anthranilate synthase), EC 4.2.1.20 (tryptophan synthase) and EC 5.3.1.24 (phosphoribosylanthranilate isomerase)].
Synonyms	phosphoribosyl-anthranilate pyrophosphorylase; PRT; anthranilate 5-phosphoribosylpyrophosphate phosphoribosyltransferase; anthranilate phosphoribosylpyrophosphate phosphoribosyltransferase; phosphoribosylanthranilate pyrophosphorylase; phosphoribosylanthranilate transferase; anthranilate-PP-ribose-P phosphoribosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.2.18
CAS No.	9059-35-2
Reaction	N-(5-phospho-D-ribosyl)-anthranilate + diphosphate = anthranilate + 5-phospho-α-D-ribose 1-diphosphate
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 ℃.