Creative Enzymes®

8-oxo-dGTP diphosphatase

Cat. No. EXWM-4627

Lot. No. (See product label)

Introduction

Description	This enzyme hydrolyses the phosphoanhydride bond between the α and β phosphate of 8-oxoguanine-containing nucleoside di- and triphosphates thereby preventing misincorporation of the oxidized purine nucleoside triphosphates into DNA. It does not hydrolyse 2-hydroxy-dATP (cf. EC 3.6.1.56, 2-hydroxy-dATP diphosphatase). Requires Mg2+.
Synonyms	MutT; 7,8-dihydro-8-oxoguanine triphosphatase; 8-oxo-dGTPase; 7,8-dihydro-8-oxo-dGTP pyrophosphohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.6.1.55
Reaction	8-oxo-dGTP + H2O = 8-oxo-dGMP + 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 ℃.