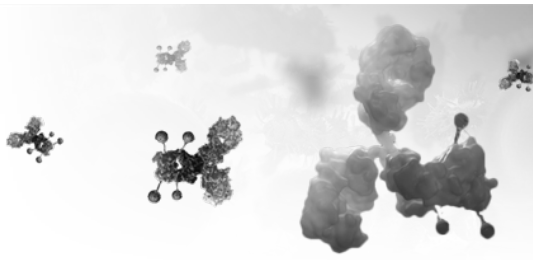

Recombinant P. chrysogenum APS Kinase, APSK (a.a. 1-211) [His] (DAG2648)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant P. chrysogenum APS Kinase/APSK antigen, was expressed in E. coli. Met1-Glu211, with a C-terminal 6-His tag (Accession # Q12657)
Species	P. chrysogenum
Purity	> 95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie. Blue stain at 5 µg per lane.
Conjugate	His
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	In enzymology, an adenylyl-sulfate kinase (EC 2.7.1.25) is an enzyme that catalyzes the chemical reaction; ATP + adenylyl sulfate ADP + 3'-phosphoadenylyl sulfate. Thus, the two substrates of this enzyme are ATP and adenylyl sulfate, whereas its two products are ADP and 3'-phosphoadenylyl sulfate. This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing groups (phosphotransferases) with an alcohol group as acceptor. This enzyme contains an ATP binding P-loop motif.
Keywords	Adenylyl-sulfate kinase; ATP:adenylyl-sulfate 3'-phosphotransferase; adenylylsulfate kinase (phosphorylating); 5'-phosphoadenosine sulfate kinase; adenosine 5'-phosphosulfate kinase; adenosine phosphosulfate kinase; adenosine phosphosulfokinase; adenosine

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