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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Purine nucleoside phosphorylase, Bacillus sp.

Cat. No.:	HY-P2724A	
CAS No.:	9030-21-1	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Purine nucleoside phosphorylase, Bacillus sp.
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Purine nucleoside phosphorylase, Bacillus sp. is a key enzyme in purine metabolism, involved in the purine salvage pathway. A deficiency in Purine nucleoside phosphorylase, Bacillus sp. can lead to impaired T-cell function. In the presence of inorganic phosphate as a second substrate, Purine nucleoside phosphorylase, Bacillus sp. catalyzes the cleavage of the glycosidic bond of ribonucleosides and deoxyribonucleosides, producing purine bases and ribose (or deoxyribose)-1-phosphate. Purine nucleoside phosphorylase, Bacillus sp. can be used for the determination of inorganic phosphate^[1].

REFERENCES

[1]. Bzowska A, et al. Purine nucleoside phosphorylases: properties, functions, and clinical aspects. Pharmacol Ther. 2000 Dec;88(3):349-425.

Caution: Product has not been fully validated for medical applications. For research use only.

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