

Hexokinase, microorganism

Cat. No.:	HY-P2776	
CAS No.:	9001-51-8	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Hexokinase, microorganism
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Hexokinase (ScHEX1) (EC 2.7.1.1) is a glycolytic enzyme hexokinase that is inhibited by n-acetylglucosamine. Inhibition of Hexokinase (ScHEX1) by n-acetylglucosamine leads to its separation from the mitochondrial outer membrane, resulting in activation of NLRP3 inflammasome^[1].

REFERENCES

[1]. Wolf AJ, et al. Hexokinase Is an Innate Immune Receptor for the Detection of Bacterial Peptidoglycan. Cell. 2016 Jul 28;166(3):624-636.

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

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