

GlcNAc 1-P uridyltransferase (PmGlmU)

Cat. No.:	HY-E70067	
Target:	Others	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	GlcNAc 1-P uridyltransferase(PmGlmU)

BIOLOGICAL ACTIVITY

Description

GlcNAc 1-P uridyltransferase (PmGlmU) catalyzes high efficient synthesis of UDP-GlcNAc from GlcNAc-1-P and UTP. GlcNAc 1-P uridyltransferase (PmGlmU) is used to break down the pyrophosphate formed in the PmGlmU reaction to inorganic phosphate to shift the equilibrium of the coupled enzymatic reactions towards the formation of UDP-GlcNA^[1].

REFERENCES

[1]. Bai Y, et, al. Substrate and Process Engineering for Biocatalytic Synthesis and Facile Purification of Human Milk Oligosaccharides. ChemSusChem. 2022 May 6;15(9):e202102539.

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

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