

UDP-sugar pyrophosphorylase (BIUSP)

Cat. No.:	HY-E70028	
CAS No.:	223918-15-8	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	UDP-sugar pyrophosphorylase(BIUSP)
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

UDP-sugar pyrophosphorylase (BIUSP) is the enzyme capable of activating glucose-1-phosphate (Glc-1-P) to UDP-glucose (UDP-Glc). UDP-sugar pyrophosphorylase (BIUSP) catalyzes a reversible transfer of the uridyl group from UTP to sugar-1-phosphate, producing UDP-sugar and pyrophosphate (PPi)^[1].

REFERENCES

[1]. Kleczkowski LA, Decker D, Wilczynska M. UDP-sugar pyrophosphorylase: a new old mechanism for sugar activation. *Plant Physiol.* 2011 May;156(1):3-10.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA