N-Acetylglucosamine-1-P uridyltransferase, Homo sapien

Cat. No.: HY-E70025

Target: Others

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

N-Acetylglucosamine-1-P uridyltransferase, Homo sapien

BIOLOGICAL ACTIVITY

Description	N-acetylglucosamine-1-P uridyltransferase (AGX1) (EC 2.3.1.157) (GlcNAc1pUT) is a bifunctional acetyltransferase/uridyltransferase. N-acetylglucosamine-1-P uridyltransferase (AGX1) binds GlcNAc-1-P and UTP, and catalyzes an uridyltransfer reaction to synthesize UDP-GlcNAc. N-acetylglucosamine-1-P uridyltransferase (AGX1) is a bifunctional enzyme exclusive to prokaryotes[1].

REFERENCES

[1]. Vithani N, et, al. GlmU (N-acetylglucosamine-1-phosphate uridyltransferase) bound to three magnesium ions and ATP at the active site. Acta Crystallogr F Struct Biol Commun. 2014 Jun;70(Pt 6):703-8.

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