



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## 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<sup>[1]</sup>.

### REFERENCES

[1]. Vithani N, et, al. GlnU (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.

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

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