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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GlcNAc-1-Phosphotransferase

Cat. No.:	HY-E70305	
CAS No.:	84012-69-1	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	GlcNAc-1-Phosphotransferase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

GlcNAc-1-Phosphotransferase is an $\alpha 2\beta 2\gamma 2$ hexamer with core catalytic α - and β -subunits derived from GNPTAB. GlcNAc-1-Phosphotransferase catalyzes the addition of the il group of N-acetylglucosamine-1-phosphate to the terminal mannose. Mutations in GlcNAc-1-Phosphotransferase cause lysosomal storage disorders such as mucopolidosis^[1].

REFERENCES

[1]. Du S, et al. Structural insights into how GlcNAc-1-phosphotransferase directs lysosomal protein transport. J Biol Chem. 2022 Mar;298(3):101702.

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

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