

## GlcNAc kinase (EcNagK)

Cat. No.:	HY-E70037
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## GlcNAc kinase

### BIOLOGICAL ACTIVITY

#### Description

GlcNAc kinase (EcNagK) (N-Acetylglucosamine kinase) is a GlcNAc-metabolizing enzyme. GlcNAc kinase (EcNagK) transfers the gamma-phosphoryl group of an ATP onto the hydroxyl group at the C-6 of GlcNAc to generate a GlcNAc-6-P<sup>[1]</sup>.

### REFERENCES

[1]. Umekawa M, et al. Identification and biochemical characterization of a novel N-acetylglucosamine kinase in *Saccharomyces cerevisiae*. *Sci Rep.* 2022 Oct 10;12(1):16991.

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

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