

CMP-sialic acid synthetase (NmCSS)

Cat. No.:	HY-E70024		
CAS No.:	9067-82-7		
Target:	Sialyltransferase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

CMP-sialic acid synthetase

BIOLOGICAL ACTIVITY

Description

CMP-sialic acid synthetase (NmCSS) is an essential enzyme involved in the biosynthesis of carbohydrates and glycoconjugates containing sialic acids. CMP-sialic acid synthetase (NmCSS) activates free Sia, converting it to CMP-Sia, which is the only donor substrate for all sialyltransferases^[1].

REFERENCES

[1]. Wu D, et, al. A point-mutation in the C-domain of CMP-sialic acid synthetase leads to lethality of medaka due to protein insolubility. Sci Rep. 2021 Dec 1;11(1):23211.

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

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