

## ST6 Sialyltransferase 5

Cat. No.:	HY-E70287
Target:	Glycosyltransferase
Pathway:	Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### ST6 Sialyltransferase 5

#### BIOLOGICAL ACTIVITY

##### Description

ST6 Sialyltransferase 5 (EC:2.4.3.3, ST6GALNAC5, SIAT7E, ST6 N-acetylgalactosaminide alpha-2,6-sialyltransferase 5) transfers a sialic acid to N-acetylgalactosamine (GalNAc) residues. ST6 Sialyltransferase 5 is a bio-marker in cervical screening samples<sup>[1][2]</sup>.

#### REFERENCES

[1]. Shao-Ze Zhang, et al. Sialylated glycoproteins and sialyltransferases in digestive cancers: Mechanisms, diagnostic biomarkers, and therapeutic targets. Crit Rev Oncol Hematol. 2024.

[2]. Yu Wang, et al. Evaluation of PAX1/ ST6GALNAC5 methylation as a triage test for cervical intraepithelial neoplasia and cervical cancer. Epigenomics. 2023, 15, 3.

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

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