

ST6 Sialyltransferase 6

Cat. No.:	HY-E70288
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

ST6 Sialyltransferase 6

BIOLOGICAL ACTIVITY

Description

ST6 Sialyltransferase 6 (ST6GALNAC6) belongs to the salivary transferase family, which modifies proteins and ceramides on the cell surface, thereby altering intercellular or extracellular matrix interactions. ST6 Sialyltransferase 6 can be used in the study of inflammatory bowel disease (IBD)^{[1][2]}.

REFERENCES

[1]. Taniguchi M, et al. Sialylation shapes mucus architecture inhibiting bacterial invasion in the colon. *Mucosal Immunol.* 2023 Oct;16(5):624-641.

[2]. Senda M, et al. Identification and expression of a sialyltransferase responsible for the synthesis of disialylgalactosylgloboside in normal and malignant kidney cells: downregulation of ST6GalNac VI in renal cancers. *Biochem J.* 2007 Mar 15;402(3):459-70.

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

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