

alpha-2,3-Sialyltransferase (PmST2)

Cat. No.:	HY-E70065	
CAS No.:	71124-51-1	
Target:	Sialyltransferase	
Pathway:	Metabolic Enzyme/Protease	alpha-(2,3)-Sialyltransferase(PmST2)
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

alpha-2,3-Sialyltransferase (PmST2) is a sialyltransferase produced by *Pasteurella multocida* (Pm) and plays an important role in the pathogenesis of Pm. alpha-2,3-Sialyltransferase (PmST2) can be used to synthesize sialyllactosyl sphingosine (lyso-GM3)^{[1][2]}.

REFERENCES

- [1]. Thon V, et al. PmST2: a novel *Pasteurella multocida* glycolipid α 2-3-sialyltransferase. *Glycobiology*. 2011 Sep;21(9):1206-16.
- [2]. Tran NT, et al. Involvement of N-acetylneuraminatase cytidyltransferase in *Edwardsiella piscicida* pathogenicity. *Fish Shellfish Immunol*. 2022 May;124:534-542.

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

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