

alpha-1,3-Galactosyltransferase (GTB)

Cat. No.:	HY-E70053	
CAS No.:	37257-33-3	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	alpha-1,3-Galactosyltransferase(GTB)
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description	alpha-1,3-Galactosyltransferase (GTB) (alpha 1,3GT) catalyzes the synthesis of the xenoantigen or α -galactose (α -Gal) epitope. alpha-1,3-Galactosyltransferase (GTB) transfers galactose from UDP-Gal to type 1 or type 2, α Fuc1 \rightarrow 2 β Gal-R (H)-terminating acceptors ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

- [1]. Sandra L Marcus, et al. A single point mutation reverses the donor specificity of human blood group B-synthesizing galactosyltransferase. J Biol Chem. 2003 Apr 4;278(14):12403-5.
- [2]. Nethaji Thiyagarajan, et al. Structure of a metal-independent bacterial glycosyltransferase that catalyzes the synthesis of histo-blood group A antigen. Sci Rep. 2012;2:940.

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

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