

beta-1,4-N-Acetylgalactosaminyltransferase (CgtA)

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| Cat. No.: | HY-E70049 | |
| CAS No.: | 67338-98-1 | |
| Target: | Others | |
| Pathway: | Others | beta-1,4-N-Acetylgalactosaminyltransferase |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. | |

BIOLOGICAL ACTIVITY

Description

beta-1,4-N-Acetylgalactosaminyltransferase (CgtA) (GM2/GD2 synthase) is a key enzyme which catalyzes the conversion of GM3, GD3 and lactosylceramide (LacCer) to GM2, GD2 and asialo-GM2 (GA2), respectively. beta-1,4-N-Acetylgalactosaminyltransferase (CgtA) is a key enzyme to control the synthesis of brain-enriched complex gangliosides^[1].

REFERENCES

[1]. Furukawa K, et al. Beta1,4-N-acetylgalactosaminyltransferase--GM2/GD2 synthase: a key enzyme to control the synthesis of brain-enriched complex gangliosides. *Biochim Biophys Acta*. 2002 Dec 19;1573(3):356-62.

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

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