Keratanase II,bacillus circulans,expressed in E.coli

Cat. No.: HY-E70284

Target: Biochemical Assay Reagents

Pathway: Others

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

Keratanase II,bacillus circulans,expressed in E.coli

BIOLOGICAL ACTIVITY

Description	Keratanase II,bacillus circulans,expressed in E.coli has transglycosylation activity. Keratanase II,bacillus circulans,expressed in E.coli efficiently catalyzes the transglycosylation of α(2→3)-sialylated 6,6′-di-sulfo-LacNAc with two kinds of glycosyl acceptors, 6-sulfo-Lewis X and 6,6'-di-sulfo-LacNAc derivatives, providing Sialyl sulfo-hexasaccharide and Sialyl sulfo-pentasaccharide[1].

REFERENCES

[1]. Shiori Yuge, et al. Chemoenzymatic Synthesis of Sialyl Sulfo-Oligosaccharides as Potent Siglec-8 Ligands via Transglycosylation Catalyzed by Keratanase II. Biomacromolecules. 2022 Jan 10;23(1):316-325.

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