Bioworld Technology CO., Ltd.

β -1,4-Gal-T3 (F304) Peptide

Cat No.: BS3090P

Background

Several oligosaccharide structures and protein glycoconjugate types are found in nature. Homologous glycosyltransferase (GT) gene families catalyze the formation of glycosidic linkages. The β-1,3 galactosyltransferase(β3GalT) gene family encodes a set of type II transmembrane glycoproteins that are catalytically diverse and use different donor substrates (UDP-galactose and UDP-N-acetylglucosamine) and different acceptor sugars (N-acetylglucosamine, galactose, N-acetylgalactosamine) to catalyze the addition of an activated monosaccharide to a terminal lactose. The protein coding sequences for β-1,3-Gal-T genes comprise a single exon and are distantly related to the Drosophila Brainiac gene. The β-1,4-galactosyltransferase (β4GalT) gene family encodes type II membrane-bound glycoproteins that show exclusive specificity for the donor substrate, UDP-galactose. β-1,4Gal-T genes transfer galactose in a β-1,4 linkage to similar acceptor

Swiss-Prot

O60512

Applications

Blocking

Specificity

This peptide can be used with studies using BS3090 β-1,4-Gal-T3 (F304) pAb.

Purification & Purity

Synthetic peptide β-1,4-Gal-T3 (F304). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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