

B4GALT7 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21133a

Specification

B4GALT7 Blocking Peptide (C-term) - Product Information

Primary Accession

[Q9UBV7](#)

Other Accession

[Q8R087](#)**B4GALT7 Blocking Peptide (C-term) - Additional Information**

Gene ID 11285

Other Names

Beta-1, 4-galactosyltransferase 7, Beta-1, 4-GalTase 7, Beta4Gal-T7, b4Gal-T7, 241-, UDP-Gal:beta-GlcNAc beta-1, 4-galactosyltransferase 7, UDP-galactose:beta-N-acetylglucosamine beta-1, 4-galactosyltransferase 7, Xylosylprotein 4-beta-galactosyltransferase, Proteoglycan UDP-galactose:beta-xylose beta1, 4-galactosyltransferase I, UDP-galactose:beta-xylose beta-1, 4-galactosyltransferase, XGPT, XGalT-1, Xylosylprotein beta-1, 4-galactosyltransferase, B4GALT7, XGALT1

Target/Specificity

The synthetic peptide sequence is selected from aa 256-270 of HUMAN B4GALT7

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

B4GALT7 Blocking Peptide (C-term) - Protein Information

Name B4GALT7

Synonyms XGALT1

Function

Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein. Note=Cis cisternae of Golgi stack

Tissue Location

High expression in heart, pancreas and liver, medium in placenta and kidney, low in brain, skeletal muscle and lung

B4GALT7 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

B4GALT7 Blocking Peptide (C-term) - Images**B4GALT7 Blocking Peptide (C-term) - Background**

Required for the biosynthesis of the tetrasaccharide linkage region of proteoglycans, especially for small proteoglycans in skin fibroblasts.

B4GALT7 Blocking Peptide (C-term) - References

Almeida R.,et al.J. Biol. Chem. 274:26165-26171(1999).
Okajima T.,et al.J. Biol. Chem. 274:22915-22918(1999).
Lo N.-W.,et al.Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.
Clark H.F.,et al.Genome Res. 13:2265-2270(2003).
Ota T.,et al.Nat. Genet. 36:40-45(2004).