

B4GALT7 Blocking Peptide (N-term)
Synthetic peptide
Catalog # BP21279a**Specification**

B4GALT7 Blocking Peptide (N-term) - Product InformationPrimary Accession [Q9UBV7](#)**B4GALT7 Blocking Peptide (N-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 59-73 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 (N-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 (N-term) - Protocols

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

- [Blocking Peptides](#)

B4GALT7 Blocking Peptide (N-term) - Images

B4GALT7 Blocking Peptide (N-term) - Background

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

B4GALT7 Blocking Peptide (N-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).