

**B4GALT7 Blocking Peptide (N-term)**

Synthetic peptide  
Catalog # BP21279a

**Specification**

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**B4GALT7 Blocking Peptide (N-term) - Product Information**

Primary 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).