

**CHST12 Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP21028b****Specification**

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**CHST12 Blocking Peptide (N-term) - Product Information**Primary Accession [Q9NRB3](#)**CHST12 Blocking Peptide (N-term) - Additional Information****Gene ID** 55501**Other Names**

Carbohydrate sulfotransferase 12, Chondroitin 4-O-sulfotransferase 2, Chondroitin 4-sulfotransferase 2, C4ST-2, C4ST2, Sulfotransferase Hlo, CHST12

**Target/Specificity**

The synthetic peptide sequence is selected from aa 72-86 of HUMAN CHST12

**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.

**CHST12 Blocking Peptide (N-term) - Protein Information****Name** CHST12**Function**

Catalyzes the transfer of sulfate to position 4 of the N- acetylgalactosamine (GalNAc) residue of chondroitin and desulfated dermatan sulfate. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Activity toward partially desulfated dermatan sulfate is however lower. Does not form 4, 6-di-O- sulfated GalNAc when chondroitin sulfate C is used as an acceptor.

**Cellular Location**

Golgi apparatus membrane; Single- pass type II membrane protein

**Tissue Location**

Widely expressed. Expressed a high level in spinal chord, heart, spleen, thyroid, pituitary gland, adrenal gland, peripheral blood leukocytes, thymus, lung, small intestine, fetal kidney, fetal spleen and fetal lung.

## **CHST12 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

## **CHST12 Blocking Peptide (N-term) - Images**

## **CHST12 Blocking Peptide (N-term) - Background**

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## **CHST12 Blocking Peptide (N-term) - References**

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