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# CHST11 Blocking Peptide (Center)

**Synthetic peptide**
**Catalog # BP21059a**

## Specification

### CHST11 Blocking Peptide (Center) - Product Information

| | |
|---|---|
| Primary Accession | Q9NPF2 |
| Other Accession | P69478, Q9JME2 |

### CHST11 Blocking Peptide (Center) - Additional Information

**Gene ID** 50515

**Other Names**
Carbohydrate sulfotransferase 11, Chondroitin 4-O-sulfotransferase 1, Chondroitin 4-sulfotransferase 1, C4S-1, C4ST-1, C4ST1, CHST11

**Target/Specificity**
The synthetic peptide sequence is selected from aa 246-260 of HUMAN CHST11

**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.

### CHST11 Blocking Peptide (Center) - Protein Information

**Name** CHST11

**Function**
Catalyzes the transfer of sulfate to position 4 of the N- acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. Can also sulfate Gal residues in desulfated dermatan sulfate. Preferentially sulfates in GlcA->GalNAc unit than in IdoA->GalNAc unit. 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. Highly expressed in spleen, thymus, bone marrow, peripheral blood leukocytes, lymph node, heart, brain, lung and placenta.

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## CHST11 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

## CHST11 Blocking Peptide (Center) - Images

## CHST11 Blocking Peptide (Center) - Background

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## CHST11 Blocking Peptide (Center) - References

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Hiraoka N.,et al.J. Biol. Chem. 275:20188-20196(2000).
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