

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

CHST12 Blocking Peptide (N-term) - Product InformationPrimary 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

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.

CHST12 Blocking Peptide (N-term) - References

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