

CHSY3 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP21377b

Specification

CHSY3 Blocking Peptide (C-term) - Product Information

Primary Accession

[Q70JA7](#)**CHSY3 Blocking Peptide (C-term) - Additional Information**

Gene ID 337876

Other Names

Chondroitin sulfate synthase 3, Carbohydrate synthase 2, Chondroitin glucuronyltransferase 3, Chondroitin synthase 2, ChSy-2, Glucuronosyl-N-acetylgalactosaminy-proteoglycan 4-beta-N-acetylgalactosaminytransferase II, N-acetylgalactosaminy-proteoglycan 3-beta-glucuronosyltransferase 3, N-acetylgalactosaminytransferase 3, CHSY3, CHSY2, CSS3

Target/Specificity

The synthetic peptide sequence is selected from aa 751-765 of HUMAN CHSY3

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.

CHSY3 Blocking Peptide (C-term) - Protein Information

Name CHSY3

Synonyms CHSY2, CSS3

Function

Has both beta-1,3-glucuronic acid and beta-1,4-N- acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer. Specific activity is much reduced compared to CHSY1.

Cellular Location

Golgi apparatus, Golgi stack membrane; Single-pass type II membrane protein

Tissue Location

Detected at low levels in brain, cerebral cortex, uterus and small intestine.

CHSY3 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

CHSY3 Blocking Peptide (C-term) - Images

CHSY3 Blocking Peptide (C-term) - Background

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CHSY3 Blocking Peptide (C-term) - References

Yada T.,et al.J. Biol. Chem. 278:39711-39725(2003).

Kamakari S.,et al.Submitted (FEB-2004) to the EMBL/GenBank/DDBJ databases.