

CHSY3 Blocking Peptide (Center)

Synthetic peptide

Catalog # BP20033C

Specification

CHSY3 Blocking Peptide (Center) - Product Information

Primary Accession

[Q70JA7](#)

Other Accession

[Q5DTK1](#), [NP_787052.3](#)**CHSY3 Blocking Peptide (Center) - Additional Information****Gene ID** 337876**Other Names**

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

Target/Specificity

The synthetic peptide sequence is selected from aa 546-560 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 (Center) - 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 (Center) - Protocols

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

- [Blocking Peptides](#)

CHSY3 Blocking Peptide (Center) - Images

CHSY3 Blocking Peptide (Center) - Background

CSS3 is a glycosyltransferase that has both glucuronyltransferase and N-acetylgalactosaminyltransferase activities (Yada et al., 2003 [PubMed 12907687]).[supplied by OMIM].

CHSY3 Blocking Peptide (Center) - References

Izumikawa, T., et al. Biochem. J. 403(3):545-552(2007)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Yada, T., et al. J. Biol. Chem. 278(41):39711-39725(2003)