

Chondroitinase ABC

Cat. No.:	HY-P2727
CAS No.:	9024-13-9
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Chondroitinase ABC

BIOLOGICAL ACTIVITY

Description

Chondroitinase ABC (ChABC) is an enzyme that degrades glycosaminoglycan side-chains of chondroitin sulfate (CS-GAG) from the chondroitin sulfate proteoglycan (CSPG) core protein. Chondroitinase ABC facilitates reinnervation by degrading CS-GAGs around motoneurons. Chondroitinase ABC has the potential for the research of spinal injury^{[1][2]}.

REFERENCES

[1]. Mahajan R, et al. Chondroitinase ABC Enzyme: A Potential Treatment Option for Spinal Cord Injury. Int J Appl Basic Med Res. 2018 Oct-Dec;8(4):203.

[2]. Takiguchi M, et al. Chondroitinase ABC Administration Facilitates Serotonergic Innervation of Motoneurons in Rats With Complete Spinal Cord Transection. Front Integr Neurosci. 2022 Jun 30;16:881632.

Caution: Product has not been fully validated for medical applications. For research use only.

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