



# Recombinant Pedobacter heparinus Chondroitinase-B (csIB)

<b>Product Code</b>	CSB-MP677189ESU
<b>Abbreviation</b>	csIB
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q46079
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Pedobacter heparinus (strain ATCC 13125 / DSM 2366 / CIP 104194 / JCM 7457 / NBRC 12017 / NCIMB 9290 / NRRL B-14731 / HIM 762-3)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QVVAS NETLYQVVKE VKPGGLVQIA DGTYKDVQLI VSNSGKSGLP ITIKALNPGK VFFTGDAKVE LRGEHLILEG IWFKDGNRAI QAWKSHGPGGL VAIYGSYNRI TACVFDCFDE ANSAYITTSI TEDGKVPQHC RIDHCSFTDK ITFDQVINLN NTARAIKDG S VGGPAMYHRV DHCFFSNPQK PGNAGGGIRI GYRNDIGRC LVDSNLFMRQ DSEAEITTSK SQENVYYGNT YLNCQGTMMNF RHGDHQVAIN NFYIGNDQRF GYGGMFVWGS RHVIACNYFE LSETIKSRGN AALYLNPGAM ASEHALAFDM LIANNAFINV NGYAIHFNPL DERRKEYCAA NRLKFETPHQ LMLKGNLFFK DKPYVYPFFK DDYFIAGKNS WTGNVALGVE KGIPVNISAN RSAYKPVKIK DIQPIEGIAL DLNALISKGI TGKPLSWDEV RPYWLKEMPG TYALTARLSA DRAAKFKAVI KRNKEH
<b>Source</b>	Mammalian cell
<b>Target Names</b>	csIB
<b>Protein Names</b>	Recommended name: Chondroitinase-B EC= 4.2.2.19 Alternative name(s): Chondroitin sulfate B lyase Chondroitin-B eliminase Chondroitin-B lyase
<b>Expression Region</b>	26-506
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.



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