



Recombinant Pedobacter heparinus Chondroitinase-B (csIB)

Product Code	CSB-EP677189ESU
Abbreviation	csIB
Storage	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.
Uniprot No.	Q46079
Product Type	Recombinant Protein
Immunogen Species	Pedobacter heparinus (strain ATCC 13125 / DSM 2366 / CIP 104194 / JCM 7457 / NBRC 12017 / NCIMB 9290 / NRRL B-14731 / HIM 762-3)
Purity	>85% (SDS-PAGE)
Sequence	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 RSAYKPKIK DIQPIEGIAL DLNALISKGI TGKPLSWDEV RPYWLKEMPG TYALTARLSA DRAAKFKAVI KRNKEH
Source	E.coli
Target Names	csIB
Protein Names	Recommended name: Chondroitinase-B EC= 4.2.2.19 Alternative name(s): Chondroitin sulfate B lyase Chondroitin-B eliminase Chondroitin-B lyase
Expression Region	26-506
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	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.
Shelf Life	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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