



Recombinant Pedobacter heparinus Heparin lyase

Product Code	CSB-EP312290PEF
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q05819
Product Type	Recombinant Protein
Immunogen Species	Pedobacter heparinus (Flavobacterium heparinum)
Purity	>85% (SDS-PAGE)
Sequence	QQKKSGNIP YRVNVQADSA KQKAIIDNKW VAVGINKPYA LQYDDKLRFN GKPSYRFELK AEDNSLEGYA AGETKGRTEL SYSYATTNDF KKFPPSVYQN AQKLKTVYHY GKGICEQGSS RSYTFSVYIP SSFPDNATTI FAQWHGAPSR TLVATPEGEI KTLSIEEFLA LYDRMIFKKN IAHDKVEKGD KDGKITYVAG KPNGWKVEQG GYPTLAFGFS KGYFYIKANS DRQWLTDKAD RNNANPENSE VMKPYSSEYK TSTIAYKMPF AQFPKDCWIT FDVAIDWTKY GKEANTILKP GKLDVMMTYT KNKKPQKAHI VNQQEILIGR NDDDGYYFKF GIYRVGNSTV PVTYNLSGYS ETAR
Source	E.coli
Protein Names	Recommended name: Heparin lyase I Short name= Heparinase I EC= 4.2.2.7
Expression Region	22-384
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. 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.