



Recombinant Human Epiphycan (EPYC)

Product Code	CSB-EP007757HU-B
Abbreviation	EPYC
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.	Q99645
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	A PTLESINYDS ETYDATLEDL DNLYNYENIP VDKVEIEIAT VMPSGNRELL TPPPQPEKAQ EEEEEESTP RLIDGSSPQE PEFTGVLGPH TNEDFPTCLL CTCISTTVYC DDHELDAIPP LPKNTAYFYS RFNRIKKINK NDFASLSDLK RIDLTSNLIS EIDEDAFRKL PQLRELVLRD NKIRQLPELP TTLTFIDISN NRLGRKGIKQ EAFKDMYDLH HLYLTDNNLD HIPLPLPENL RALHLQNNNI LEMHEDTFCN VKNLTYIRKA LEDIRLDGNP INLSKTPQAY MCLPRLPVGS LV
Source	E.coli
Target Names	EPYC
Protein Names	Recommended name: Epiphycan Alternative name(s): Dermatan sulfate proteoglycan 3 Proteoglycan-Lb Short name= PG-Lb Small chondroitin/dermatan sulfate proteoglycan
Expression Region	20-322
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
Target Details	Dermatan sulfate proteoglycan 3 is a member of the small leucine-rich repeat proteoglycan family. This gene is composed of seven exons. It regulates fibrillogenesis by interacting with collagen fibrils and other extracellular matrix proteins.
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.