

Recombinant Human EPYC protein, His & T7-tagged

Cat. No. EPYC-1643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPYC aa. (His110~Pro317 (Accession # Q99645)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	His110~Pro317
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

Isoelectric Point

6.7

GENE INFORMATION

Gene Name

EPYC epiphycan [Homo sapiens (human)]

Official Symbol

EPYC

Synonyms

EPYC; epiphycan; PGLB; DSPG3; Pg-Lb; SLRR3B; dermatan sulfate proteoglycan 3; epiphycan proteoglycan; proteoglycan-lb; small chondroitin/dermatan sulfate proteoglycan

Gene ID

1833

mRNA Refseq

NM_004950.4

Protein Refseq

NP_004941.2

UniProt ID

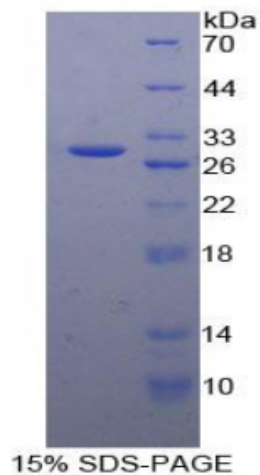
Q99645

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SDS-PAGE



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