# Recombinant Mouse Epyc protein, His & T7-tagged

**Cat. No.** Epyc-1644M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Epyc aa. (Cys130~Ile322 (Accession # P70186)) fused with N-terminal His & T7 tag was produced in E. coli cells. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | Cys130~Ile322 |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 26.3kDa |
| **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 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 |

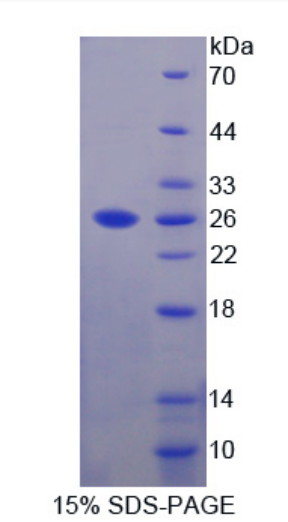
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| | -80°C for 12 months. |
| **Storage buffer** | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl. |
| **Reconstitution** | Reconstitute in sterile PBS, pH7.2-pH7.4. |
| **Isoelectric Point** | 6.9 |

## GENE INFORMATION

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| **Gene Name** | Epyc epiphycan [ Mus musculus (house mouse) ] |
| **Official Symbol** | Epyc |
| **Synonyms** | Epyc; epiphycan; Dspg3; PG-Lb; SLRR3B; dermatan sulfate proteoglycan 3; dermatan sulphate proteoglycan 3; proteoglycan-Lb; small chondroitin/dermatan sulfate proteoglycan |
| **Gene ID** | 13516 |
| **mRNA Refseq** | NM_007884.2 |
| **Protein Refseq** | NP_031910.1 |
| **UniProt ID** | P70186 |

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| **SDS-PAGE** | <br>15% SDS-PAGE |

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