



# Recombinant Mouse Insulin-like growth factor-binding protein 3 (Igfbp3)

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| <b>Product Code</b>      | CSB-BP011097MO  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | P47878  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | GAG AVGAGPVVRC EPCDARALSQ CAPPPTAPAC TELVREPGCG<br>CCLTCALREG DACGVYTERC GTGLRCQPRP AEQYPLRALL NGRGFCANAS<br>AAGSLSTYLP SQPAPGNISE SEEEHNAGSV ESQVVPSTHR VTDSKFHPLH<br>AKMDVIKKGH ARDSQRYKVD YESQSTDTQN FSSESKRETE YGPCRREMED<br>TLNHLKFLNV LSPRGVHIPN CDKKGIFYKKK QCRPSKGRKR GFCWCVDKYG<br>QPLPGYDTKG KDDVHCLSVQ SQ  |
| <b>Source</b>            | Baculovirus   |
| <b>Target Names</b>      | Igfbp3  |
| <b>Protein Names</b>     | Recommended name: Insulin-like growth factor-binding protein 3 Short name= IBP-3 Short name= IGF-binding protein 3 Short name= IGFBP-3  |
| <b>Expression Region</b> | 28-292  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This gene is a member of the insulin-like growth factor binding protein (IGFBP) family and encodes a protein with an IGFBP domain and a thyroglobulin type-I domain. The protein forms a ternary complex with insulin-like growth factor acid-labile subunit (IGFALS) and either insulin-like growth factor (IGF) I or II. In this form, it circulates in the plasma, prolonging the half-life of IGFs and altering their interaction with cell surface receptors. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |
| <b>Reconstitution</b>    | 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.   |
| <b>Shelf Life</b>        | 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.