



Recombinant Bovine Insulin-like growth factor-binding protein 3 (IGFBP3)

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| Product Code | CSB-YP011097BO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P20959 |
| Product Type | Recombinant Protein |
| Immunogen Species | Bos taurus (Bovine) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | GAG TMGAGPVVRC EPCDARAVAQ CAPPSPSPPC AELVREPGCG CCLTCALREG QPCGVYTERC GSGLRCQPPP G DPRPLQALL DGRGLCANAS AVGRLRPYLL PSASNGNGSES EEDHSMGSTE NQAGPSTHRV PVSKFHPIHT KMDVIKKGHA KDSQRYKVDY ESQSTDTQNF SSESKRETEY GPCRREMEDT LNHLKFLNML SPRGIHIPNC DKKGFYKKKQ CRPSKGRKRG FCWCVDKYGQ PLPGFDVKGK GDVHCYSMES K |
| Source | Yeast |
| Target Names | IGFBP3 |
| Protein Names | Recommended name: Insulin-like growth factor-binding protein 3 Short name= IBP-3 Short name= IGF-binding protein 3 Short name= IGFBP-3 |
| Expression Region | 28-291 |
| 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 | 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. |
| 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.