



# Recombinant *Saccharomyces cerevisiae* Fructose-bisphosphate aldolase (FBA1)

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| <b>Product Code</b>      | CSB-BP321262SVG                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.                                                                                                                                              |
| <b>Uniprot No.</b>       | P14540                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen Species</b> | <i>Saccharomyces cerevisiae</i> (strain ATCC 204508 / S288c) (Baker's yeast)                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | GVEQILKRK TGVVIGEDVH NLFTYAKEHK FAIPAINVTS SSTAVAACLEA<br>ARDSKSPIIL QTSNGGAAYF AGKGISNEGQ NASIKGAI AA AHYIRSIAPA<br>YGIPVVLHSD HCAKKLLPWF DGMLEADEAY FKEHGEPLFS SHMLDLSEET<br>DEENISTCVK YFKRMAAMDQ WLEMEIGITG GEEDGVNEN ADKEDLYTKP<br>EQVYNVYKAL HPISP NFSIA AAFGNCHGLY AGDIALRPEI LAEHQKYTRE<br>QVGCKEEKPL FLVFHGGSGS TVQEFHTGID NGVVKNLDT DCQYAYLTGI<br>RDYVLNKKDY IMSPVGNPEG PEKPNKKFFD PRVWVREGEK TMGAKITKSL<br>ETFRTTNTL |
| <b>Source</b>            | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Target Names</b>      | FBA1                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Names</b>     | Recommended name: Fructose-bisphosphate aldolase Short name= FBP<br>aldolase Short name= FBPA EC= 4.1.2.13 Alternative name(s): Fructose-1,6-<br>bisphosphate aldolase                                                                                                                                                                                                                                                          |
| <b>Expression Region</b> | 2-359                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>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.<br>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.                                                                                                                                              |