



# Recombinant *Oryza sativa* subsp. *japonica*

## Probable GDP-L-fucose synthase 1

### (Os06g0652400, LOC\_Os06g44270)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-YP737857OFG                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Abbreviation</b>      | Os06g0652400, LOC_Os06g44270                                                                                                                                                                                                                                                                                                                                                                                |
| <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>       | Q67WR2                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen Species</b> | <i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Sequence</b>          | MGTVTTADPH ASFLADKGGK VEVAGHRGLV GSAILRHLVS LGFTNVVVRT<br>HAELDLTRQS DVEAFFAAEL PRYVVLAAAK VGGIHANSTF PADFIAANLQ<br>IQTNVVDAAL KCGSVRKLLF LGSSCIYPKF APQPIPENSL LSGPLEPTNE<br>WYAVAKIAGI KMCQAYRIQH GFDAISAMPT NLYGPQDNFH PENSHVLPAL<br>IRRFHEAKAS NAAEVVWGT GSPLREFLHV DDLADAVIFL MDHYSGLEHV<br>NVGSGSEVTI KELAELVKEV VGFQGKLVWD SSKPDGTPRK LMDSSKIQEM<br>GWKPKVPLKE GLVETYKWYV ENVISAKK                   |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Target Names</b>      | Os06g0652400                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Names</b>     | Recommended name: Probable GDP-L-fucose synthase 1 EC= 1.1.1.271<br>Alternative name(s): GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase 1                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 1-328                                                                                                                                                                                                                                                                                                                                                                                                       |
| <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 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.                                                                                                                                                                                                                                                                  |



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