



# Recombinant Human GDP-L-fucose synthase (GFUS)

<b>Product Code</b>	CSB-EP619783HU-B
<b>Abbreviation</b>	TSTA3
<b>Storage</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.
<b>Uniprot No.</b>	Q13630
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MGEPQGSMRI LVTGGGSLVG KAIQKVADG AGLPGEDWVF VSSKDADLTD TAQTRALFEK VQPTHVIHLA AMVGGLFRNI KYNLDFWRKN VHMNDNVLHS AFEVGARKVV SCLSTCIFPD KTTYPIDETM IHNGPPHNSN FGYSYAKRMI DVQNRAYFQQ YGCTFTAVIP TNVFGPHDNF NIEDGHVLPG LIHKVHLAKS SGSALTVWGT GNPRRQFIYS LDLAQLFIWV LREYNEVEPI ILSVGEEDV SIKEAAEAVV EAMDFHGEVT FDTTKSDGQF KKTASNSKLR TYLPDFRFTP FKQAVKETCA WFTDNYEQAR K
<b>Source</b>	E.coli
<b>Target Names</b>	TSTA3
<b>Protein Names</b>	Recommended name: GDP-L-fucose synthase EC= 1.1.1.271 Alternative name(s): GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase Protein FX Red cell NADP(H)-binding protein Short-chain dehydrogenase/reductase family 4E member 1
<b>Expression Region</b>	1-321
<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.



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.