

## 32-8027: Recombinant Human GDP-L-Fucose Synthase/TSTA3/SDR4E1 (C-6His)(Discontinued)

**Gene :** TSTA3  
**Gene ID :** 7264  
**Uniprot ID :** Q13630

### Description

Source: E.coli.  
MW :36.96kD.

Recombinant Human GDP-L-Fucose Synthase is produced by our E.coli expression system and the target gene encoding Met1-Lys321 is expressed with a 6His tag at the C-terminus. GDP-L-Fucose Synthase is a NADP(H)-binding protein. It catalyzes the two-step epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-dexoymannose to GDP-L-fucose. GDP-L-Fucose is the substrate of several fucosyltransferase, involving the expression of many glycoconjugates, including blood group ABH antigens and development adhesion antigens. Mutations in the TSTA3 gene may cause leukocyte adhesion deficiency type II.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM Tris, 150mM NaCl, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** MGEPQGS MRILVTGG SGLVGKAIQKV VADGAGLPGEDWV FVSSKDADLTDTAQTRALFEKVQPTHVIHLAAM  
VGGLFRNIKYNLDFWRKNVHMNDNLHSAFEVGARKVVSCLSTCIFPDKTTYPIDETMIHNGPPHNSNFGYSYA  
KRMIDVQNRAYFQYQYGTFTAVIPTNVFVFGPHDNFNIEDGHVLPGLIHKVHLAKSSGSALTVWGTGNPRRQFIYS  
LDLAQLFIWVLRREYNEVEPIILSVGEEDEVSIKAAEAVVEAMDFHGEVTFDTTKSDGQFKKTASNSKLRTYLPDF  
RFTPFKQAVKETCAWFTDNYEQARKLEHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.