Recombinant Human GDP-L-Fucose Synthase/TSTA3/SDR4E1 Protein(C-6His)

Cat.NO.: TP06164

3th Edition

Synonyms:GDP-L-Fucose Synthase; 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; TSTA3; SDR4E1

Description: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 mamy glycoconjugates, including blood group ABH antigens and development adhesion antigens. Mutations in the TSTA3 gene may cause leukocyte adhesion deficiency type II.

Form:PBS

Molecular Weight:37.0 kDa

Sequences: Met 1-Lys321

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.