

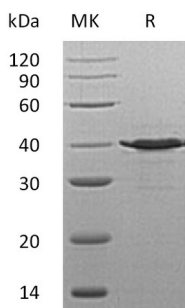
Product Name: Recombinant Human TSTA3 (C-6His)
Catalog #: PEH0726



概述 (Summary)

英文全称	GDP-L-fucose synthase/TSTA3/SDR4E1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	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.
Accession #	Q13630
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	36.96 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

分子别名 (Alternative Names) GDP-L-Fucose Synthase; GDP-4-Keto-6-Deoxy-D-Mannose-3;5-Epimerase-4-

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背景介绍 (References)

Reductase; Protein FX; Red Cell NADP(H)-Binding Protein; Short-Chain Dehydrogenase/Reductase Family 4E Member 1; TSTA3; SDR4E1

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.