

Product datasheet for TP720506M

GFUS (NM_003313) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human tissue specific transplantation antigen P35B (TSTA3) Species: Human E. coli **Expression Host: Expression cDNA Clone** Met1-Lys321 or AA Sequence: C-His Tag: Predicted MW: 37 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at -80°C. Storage: Stability: Stable for at least 3 months from date of receipt under proper storage and handling conditions. NP 003304 **RefSeq:** Locus ID: 7264 **UniProt ID:** Q13630, A0A140VKC8 Cytogenetics: 8q24.3 Synonyms: FX; P35B; SDR4E1; TSTA3 Summary: Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the twostep epimerase and the reductase reactions in GDP-D-mannose metabolism, converting GDP-4-keto-6-D-deoxymannose to GDP-L-fucose. GDP-L-fucose is the substrate of several fucosyltransferases involved in the expression of many glycoconjugates, including blood group ABH antigens and developmental adhesion antigens. Mutations in this gene may cause leukocyte adhesion deficiency, type II. [provided by RefSeq, Jul 2008] **Protein Families:** Druggable Genome



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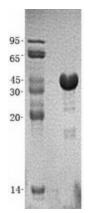
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Protein Pathways:

Amino sugar and nucleotide sugar metabolism, Fructose and mannose metabolism, Metabolic pathways

Product images:



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