

Recombinant Mouse Gfus Protein, Myc/DDK-tagged

Cat. No. Gfus-6702M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tissue specific transplantation antigen P35B (Tsta3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the two-step NADP-dependent conversion of GDP-4-dehydro-6-deoxy-D-mannose to GDP-fucose, involving an epimerase and a reductase reaction.
Molecular Mass	35.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gfus GDP-L-fucose synthase [Mus musculus (house mouse)]
Official Symbol	Gfus
Synonyms	Gfus; GDP-L-fucose synthase; FX; Tst; Tsta3; Tstap; A1256181; Tstap35b; GDP-L-fucose synthase; GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase; GDP-L-fucose synthetase; GDP-fucose synthase; protein FX; red cell NADP(H)-binding protein; tissue specific transplantation antigen P35B; transplantation antigen P35B; tum-P35B antigen; EC 1.1.1.271
Gene ID	22122
mRNA Refseq	NM_031201
Protein Refseq	NP_112478
UniProt ID	P23591

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