

Product datasheet for **SC203887**

GFUS (NM_003313) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GFUS (NM_003313) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GFUS
Synonyms:	FX; P35B; SDR4E1; TSTA3
ACCN:	NM_003313
Insert Size:	322 bp
Insert Sequence:	>SC203887 3'UTR clone of NM_003313 The sequence shown below is from the reference sequence of NM_003313. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACTGACAACTACGAGCAGGCCCGGAAGTGAAGCTGGAAGACAGGATCAGGTGCCAGCGGACCATCGGCT GGCAGAGCCCAGCGGCCACCACCCGTCAACCTGCCAGGAGCTGAGGGCACCACCCAGCAACCTGGGCT TGCATTCCATCCGCTCTGCAGCCCCAAGCATCTTCCAGTGGGGCCCCATTACGTTGGTCCTCAGGG AAACCAGGGTCCCAGGCGGCCCGGCTTTGCTCCCCACACCAGCCCCCTGCGCGTGTCCACTCTGAT CCTGCATCCCACTCCCTGGGAGCCAATAAAGTGCATTTTCACAGGC ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003313.4</u>



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Summary: Tissue specific transplantation antigen P35B is a NADP(H)-binding protein. It catalyze the two-step 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]

Locus ID: 7264

MW: 11.4