

Product datasheet for **RC210643L3V**

TSTA3 (GFUS) (NM_003313) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	TSTA3 (GFUS) (NM_003313) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GFUS
Synonyms:	FX; P35B; SDR4E1; TSTA3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003313
ORF Size:	963 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210643).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003313.2
RefSeq Size:	1363 bp
RefSeq ORF:	966 bp
Locus ID:	7264
UniProt ID:	Q13630
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome



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Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Fructose and mannose metabolism, Metabolic pathways
MW:	35.9 kDa
Gene 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]