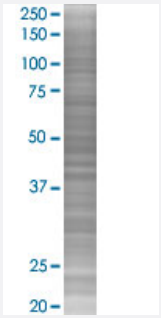
TSTA3 293T Cell Transient Overexpression Lysate(Denatured)

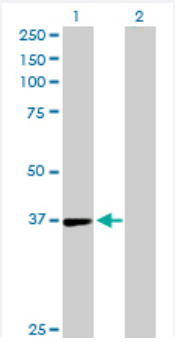
Catalog # H00007264-T02 Size 100 uL

Applications



SDS-PAGE Gel

TSTA3 transfected lysate.



Western Blot

Lane 1: TSTA3 transfected lysate (35.90 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-TSTA3 full-length
Host	Human
Theoretical MW (kDa)	35.9
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-TSTA3 antibody (H00007264-D01P) by W estern Blots. SDS-PAGE Gel TSTA3 transfected lysate. Western Blot Lane 1: TSTA3 transfected lysate (35.90 KDa) Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — TSTA3

Entrez GeneID	7264
GeneBank Accession#	NM_003313.2
Protein Accession#	NP_003304.1
Gene Name	TSTA3
Gene Alias	FX, P35B, SDR4E1
Gene Description	tissue specific transplantation antigen P35B
Omim ID	137020
Gene Ontology	Hyperlink
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
Other Designations	3-5 epimerase/4-reductase|GDP-4-keto-6-deoxy-D-mannose epimerase-reductase|Tissue-specific transplantation antigen-3|short chain dehydrogenase/reductase family 4E, member 1|tissue specific transplantation antigen 3

Pathway

- Amino sugar and nucleotide sugar metabolism
- Fructose and mannose metabolism

- Metabolic pathways